UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

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

For the Quarterly Period Ended March 31, 2021

☐ 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 001-03970



HARSCO CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

Pennsylvania

23-1483991

(I.R.S. employer identification number)

17011

(Zip Code)

(Address of principal executive offices)

350 Poplar Church Road, Camp Hill,

ress of principal executive offices)

Registrant's telephone number, including area code 717-763-7064

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

Title of each class	Trading Symbol(s)	Name of each exchange on which	registered
Common stock, par value \$1.25 per share	HSC	New York Stock Exchang	e
Indicate by check mark whether the registrant (1) has file 1934 during the preceding 12 months (or for such shorter per requirements for the past 90 days. Yes ⊠ NO □ Indicate by check mark whether the registrant has submi Rule 405 of Regulation S-T (§ 232.405 of this chapter) during and post such files). Yes ⊠ NO □ Indicate by check mark whether the registrant is a large a	tiod that the registrant was required tted electronically every Interacting the preceding 12 months (or for	ed to file such reports), and (2) has been subve Data File required to be submitted and proceeds shorter period that the registrant was	oject to such filing osted pursuant to required to submit
an emerging growth company. See the definitions of "large a company" in Rule 12b-2 of the Exchange Act.			
Large accelerated filer ⊠		Accelerated filer	
Non-accelerated filer \Box (Do not check if a smalle	r reporting company)	Smaller reporting company	
		Emerging growth company	
If an emerging growth company, indicate by check mark new or revised financial accounting standards provided pursu Indicate by check mark whether the registrant is a shell o Indicate the number of shares outstanding of each of the	nant to Section 13(a) of the Excha company (as defined in Rule 12b-	nge Act. □ 2 of the Exchange Act). YES □ NO ⊠	plying with any
Class		Outstanding at April 30, 2021	
Common stock, par value \$1.25 per share		79,165,630	

HARSCO CORPORATION FORM 10-Q INDEX

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Glossary of Defined Terms

Unless the context requires otherwise, "Harsco," the "Company," "we," "our," or "us" refers to Harsco Corporation on a consolidated basis. The Company also uses several other terms in this Quarterly Report on Form 10-Q, which are further defined below:

Term	Description
AOCI	Accumulated Other Comprehensive Income (Loss)
AXC	The former Harsco Industrial Air-X-Changers business
CARES Act	Coronavirus Aid, Relief, and Economic Security Act
CCIRs	Cross-currency interest rate swaps
Clean Earth	CEHI Acquisition Corporation and Subsidiaries
COVID-19	The COVID-19 coronavirus pandemic
Credit Agreement	Credit Agreement governing the Senior Secured Credit Facilities
DEA	United States Drug Enforcement Agency
DTSC	California Department of Toxic Substances Control
EBITDA	Earnings before interest, tax, depreciation and amortization
ESOL	Stericycle Environmental Solutions business
FASB	Financial Accounting Standards Board
IBORs	Interbank offered rates
ICMS	Type of value-added tax in Brazil
IKG	The former Harsco Industrial IKG business
ISDA	International Swaps and Derivatives Association
LIBOR	London Interbank Offered Rates
New Term Loans	\$500 million term loan raised in March 2021 under the Senior Secured Credit Facilities, maturing on March 10, 2028
Notes	5.75% Notes due July 31, 2027
OCI	Other Comprehensive Income (Loss)
PA DEP	Pennsylvania Department of Environmental Protection
PK	The former Harsco Industrial Patterson-Kelley business
Revolving Credit Facility	Multi-year revolving credit facility under the Senior Secured Credit Facility, with a facility limit of \$700 million
ROU	Right of use
SBB	Federal railway system of Switzerland
SCE	Supreme Council for Environment in Bahrain
SEC	Securities and Exchange Commission
Senior Secured Credit Facilities	Primary source of borrowings comprised of the Revolving Credit Facility and the New Term Loan
SPRA	State Revenue Authorities from the State of São Paulo, Brazil
Term Loan A	\$280 million term loan raised in March 2020 under the Senior Secured Credit Facilities, maturing on June 28, 2024
Term Loan B	Term loan issued under the Senior Secured Credit Facilities, maturing on December 8, 2024
TSDF	Treatment, storage, and disposal facility permits issued under the Resource Conservation and Recovery Act
U.S. GAAP	Accounting principles generally accepted in the U.S.

PART I — FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

HARSCO CORPORATION CONDENSED CONSOLIDATED BALANCE SHEETS (Unaudited)

(In thousands) ASSETS Current assets: Cash and cash equivalents				
Cash and each aguivalents				
Cash and Cash equivalents	\$	79,308	\$	76,454
Restricted cash		3,017		3,215
Trade accounts receivable, net		417,830		407,390
Other receivables		32,998		34,253
Inventories		171,587		173,013
Current portion of contract assets		72,133		54,754
Prepaid expenses		55,231		56,099
Other current assets		14,217		10,645
Total current assets		846,321		815,823
Property, plant and equipment, net		655,462		668,209
Right-of-use assets, net		89,772		96,849
Goodwill		900,314		902,074
Intangible assets, net		430,589		438,565
Deferred income tax assets		10,155		15,274
Other assets		57,731		56,493
	\$	2,990,344	\$	2,993,287
Total assets LIABILITIES	Ψ	2,550,544	Ψ	2,333,207
Current liabilities:				
	\$	5,062	\$	7,450
Short-term borrowings Compart maturities of long term debt	Þ		Ф	13,576
Current maturities of long-term debt		6,720		
Accounts payable		209,988		218,039
Accrued compensation		43,092		45,885
Income taxes payable		4,698		3,499
Current portion of advances on contracts		41,089		39,917
Current portion of operating lease liabilities		23,632		24,862
Other current liabilities		184,451		184,727
Total current liabilities		518,732		537,955
Long-term debt		1,334,325		1,271,189
Retirement plan liabilities		206,178		231,335
Advances on contracts		31,403		45,017
Operating lease liabilities		64,029		69,860
Environmental liabilities		29,044		29,424
Deferred tax liabilities		33,178		40,653
Other liabilities		56,872		54,455
Total liabilities		2,273,761		2,279,888
COMMITMENTS AND CONTINGENCIES				
HARSCO CORPORATION STOCKHOLDERS' EQUITY				
Preferred stock				_
Common stock		144,764		144,288
Additional paid-in capital		206,944		204,078
Accumulated other comprehensive loss		(643,446)		(645,741)
Retained earnings		1,797,894		1,797,759
Treasury stock		(846,182)		(843,230)
Total Harsco Corporation stockholders' equity		659,974		657,154
Noncontrolling interests		56,609		56,245
Total equity		716,583		713,399
Total liabilities and equity	\$	2,990,344	\$	2,993,287

HARSCO CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)

	Three Months Ended March 31			led
(In thousands, except per chare amounts)		2021	ch 31	2020
(In thousands, except per share amounts) Revenues from continuing operations:		2021		2020
Service revenues	\$	424,449	\$	291,589
Product revenues	Ψ	104,406	Ψ	107,252
Total revenues		528,855	_	398,841
Costs and expenses from continuing operations:		320,033		330,041
Cost of services sold		334,506		236,608
Cost of products sold		86,576		79,860
Selling, general and administrative expenses		83,043		72,499
Research and development expenses		818		1,260
Other (income) expenses, net		(912)		5,733
Total costs and expenses		504,031		395,960
Operating income from continuing operations		24,824		2,881
Interest income		585		193
Interest expense		(16,864)		(12,649)
Unused debt commitment fees, amendment fees and loss on extinguishment of debt		(5,258)		(488)
Defined benefit pension income		3,953		1,589
Income (loss) from continuing operations before income taxes and equity income		7,240		(8,474)
Income tax benefit (expense) from continuing operations		(4,229)		682
Equity income (loss) of unconsolidated entities, net		(119)		96
Income (loss) from continuing operations		2,892		(7,696)
Discontinued operations:				(1,000)
Gain on sale of discontinued business		_		18,462
Loss from discontinued businesses		(1,791)		(225)
Income tax benefit (expense) from discontinued businesses		464		(9,314)
Income (loss) from discontinued operations, net of tax		(1,327)		8,923
Net income		1,565		1,227
Less: Net income attributable to noncontrolling interests		(1,430)		(1,086)
Net income attributable to Harsco Corporation	\$	135	\$	141
Amounts attributable to Harsco Corporation common stockholders:			Ť	
Income (loss) from continuing operations, net of tax	\$	1,462	\$	(8,782)
Income (loss) from discontinued operations, net of tax	Ψ	(1,327)	Ψ	8,923
Net income attributable to Harsco Corporation common stockholders	\$	135	\$	141
Weighted-average shares of common stock outstanding		79,088	Ť	78,761
Basic earnings (loss) per common share attributable to Harsco Corporation common stockholders:		79,000		70,701
Continuing operations	\$	0.02	\$	(0.11)
Discontinued operations	Ф	(0.02)	Ф	0.11)
· · · · · · · · · · · · · · · · · · ·	\$	(0.02)	<u>¢</u>	0.11
Diluted earnings (loss) per share attributable to Harsco Corporation common stockholders	D	-	\$	TO TO:
Diluted weighted-average shares of common stock outstanding		80,015		78,761
Diluted earnings (loss) per common share attributable to Harsco Corporation common stockholders:	φ.	0.00	¢	(0.44)
Continuing operations	\$	0.02	\$	(0.11)
Discontinued operations	φ.	(0.02)	¢	0.11
Diluted earnings (loss) per share attributable to Harsco Corporation common stockholders	\$		\$	

HARSCO CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) (Unaudited)

	 Three Mor Mar	nths Er ch 31	ıded
(In thousands)	2021		2020
Net income	\$ 1,565	\$	1,227
Other comprehensive income (loss):	 		
Foreign currency translation adjustments, net of deferred income taxes of \$623 and \$(4,082) in 2021 and 2020, respectively	(3,296)		(58,566)
Net income (loss) on cash flow hedging instruments, net of deferred income taxes of \$(144) and \$517 in 2021 and 2020, respectively	689		(1,687)
Pension liability adjustments, net of deferred income taxes of (338) and $(1,710)$ in 2021 and 2020, respectively	3,819		30,269
Unrealized gain (loss) on marketable securities, net of deferred income taxes of \$(7) and \$8 in 2021 and 2020, respectively	17		(18)
Total other comprehensive income (loss)	 1,229		(30,002)
Total comprehensive income (loss)	 2,794		(28,775)
Less: Comprehensive (income) loss attributable to noncontrolling interests	(364)		61
Comprehensive income (loss) attributable to Harsco Corporation	\$ 2,430	\$	(28,714)

HARSCO CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

		Three Months Ended March 31					
(In thousands)		2021		2020			
Cash flows from operating activities:							
Net income	\$	1,565	\$	1,227			
Adjustments to reconcile net income to net cash used by operating activities:							
Depreciation		32,748		29,933			
Amortization		8,967		6,557			
Deferred income tax (benefit) expense		(3,421)		4,412			
Equity (income) loss of unconsolidated entities, net		119		(96			
Gain on sale from discontinued business		_		(18,462			
Loss on early extinguishment of debt		2,668		_			
Other, net		1,128		(2,007			
Changes in assets and liabilities, net of acquisitions and dispositions of businesses:							
Accounts receivable		(16,446)		(22,050			
Inventories		407		(16,412			
Contract assets		(19,070)		(20,311			
Right-of-use assets		6,768		3,429			
Accounts payable		(8,592)		12,308			
Accrued interest payable		(7,320)		(9,892			
Accrued compensation		(1,541)		(2,752			
Advances on contracts		(9,698)		40,46			
Operating lease liabilities		(6,750)		(3,358			
Retirement plan liabilities, net		(19,267)		(15,534			
Income taxes payable - Gain on sale of discontinued businesses		(15,207)		3,84			
Other assets and liabilities		14,562		(2,830			
Net cash used by operating activities		(23,173)		(11,536			
Cash flows from investing activities:		(23,173)		(11,550			
Purchases of property, plant and equipment		(27 202)		(27,894			
Purchases of businesses, net of cash acquired		(27,382)					
Proceeds from sale of discontinued business, net		_		(4,15)			
		2.002		37,21			
Proceeds from sales of assets		3,862		2,18			
Expenditures for intangible assets		(68)		(58			
Net proceeds (payments) from settlement of foreign currency forward exchange contracts		(1,427)		11,32			
Other investing activities, net		46					
Net cash provided (used) by investing activities		(24,969)		18,62			
Cash flows from financing activities:							
Short-term borrowings, net		575		3,69			
Current maturities and long-term debt:							
Additions		434,873		52,87			
Reductions		(374,530)		(38,70			
Stock-based compensation - Employee taxes paid		(2,485)		(3,43)			
Deferred financing costs		(6,525)		(1,632			
Other financing activities, net		(400)		_			
Net cash provided by financing activities		51,508		12,79			
Effect of exchange rate changes on cash and cash equivalents, including restricted cash		(710)		(10,824			
Net increase in cash and cash equivalents, including restricted cash		2,656		9,05			
Cash and cash equivalents, including restricted cash, at beginning of period		79,669		59,73			
Cash and cash equivalents, including restricted cash, at end of period	\$	82,325	\$	68,78			
Cash and cash equivalents, including restricted cash, at end of period	Ψ	02,323	Ψ	00,700			
Supplementary cash flow information:	¢	1 065	¢	(20			
Change in accrual for purchases of property, plant and equipment included in accounts payable	\$	1,865	\$	(28)			

HARSCO CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF EQUITY (Unaudited)

			Harso	o Co	rporation Stoc	kho	lders' Equity					
	Commo	n S	tock									
(In thousands, except share amounts)	Issued		Treasury		Additional id-in Capital		Retained Earnings		Accumulated Other Comprehensive Loss	ľ	Noncontrolling Interests	Total
Balances, December 31, 2019	\$ 143,400	\$	(838,893)	\$	200,595	\$	1,824,100	5	5 (587,622)	\$	48,079	\$ 789,659
Net income							141				1,086	1,227
Total other comprehensive loss, net of deferred income taxes of \$(5,267)									(28,854)		(1,148)	(30,002)
Vesting of restricted stock units and other stock grants, net 104,840 shares	230		(889)		(230)							(889)
Vesting of performance share units, net 265,151 shares	589		(3,205)		(589)							(3,205)
Amortization of unearned portion of stock- based compensation, net of forfeitures					2,080							2,080
Balances, March 31, 2020	\$ 144,219	\$	(842,987)	\$	201,856	\$	1,824,241	5	6 (616,476)	\$	48,017	\$ 758,870

				Harso	co (Corporation Stoc	ckho	lders' Equity						
		Commo	on S	tock										
(In thousands, except share amounts)		Issued		Treasury	Accumulated Other Additional Retained Comprehensive Paid-in Capital Earnings Loss		Noncontrolling Interests			Total				
Balances, December 31, 2020	\$	144,288	\$	(843,230)	\$	204,078	\$	1,797,759	\$	(645,741)	\$	56,245	\$	713,399
Net income								135				1,430		1,565
Total other comprehensive income (loss), net of deferred income taxes of \$134										2,295		(1,066)		1,229
Stock appreciation rights exercised, net 3,842 shares		9		(70)		(9)								(70)
Vesting of restricted stock units and other stock grants, net 144,967 shares		312		(1,850)		(312)								(1,850)
Vesting of performance share units, net 69,127 shares		155		(1,032)		(155)								(1,032)
Amortization of unearned portion of stock- based compensation, net of forfeitures						3,342								3,342
Balances, March 31, 2021	\$	144,764	\$	(846,182)	\$	206,944	\$	1,797,894	\$	(643,446)	\$	56,609	\$	716,583
	_		_		_		_		_		_		_	

HARSCO CORPORATION NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

1. Basis of Presentation

The Company has prepared these unaudited condensed consolidated financial statements in accordance with U.S. GAAP for interim financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X of the SEC. Accordingly, the unaudited condensed consolidated financial statements do not include all information and disclosure required by U.S. GAAP for annual financial statements. The December 31, 2020 Condensed Consolidated Balance Sheet information contained in this Quarterly Report on Form 10-Q was derived from the 2020 audited consolidated financial statements. The unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements, including the notes thereto, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2020. In the opinion of management, all adjustments (all of which are of a normal recurring nature) that are necessary for a fair statement are reflected in the unaudited condensed consolidated financial statements.

Restricted Cash

The Company had restricted cash of \$3.0 million and \$3.2 million at March 31, 2021 and December 31, 2020, respectively, and the restrictions are primarily related to collateral provided for certain guarantees of the Company's performance.

Impact of COVID-19

Beginning in early 2020, overall global economic conditions were significantly impacted by COVID-19. The Company has operated, since the onset of the pandemic, as a provider of certain essential services in the U.S. and other countries and overall business conditions have strengthened since the second quarter of 2020. And while the ultimate duration and impact of COVID-19 on the Company and its operations is presently unclear, the Company expects that business conditions will improve meaningfully in 2021 compared with 2020.

The Company did not record any long-lived asset impairments, indefinite-lived asset impairments, goodwill impairments, significant inventory write-downs or incremental accounts receivable reserves for current expected credit losses during the three months ended March 31, 2021. However, should the COVID-19 situation deteriorate, such charges are possible in future periods, which could have an adverse effect on the Company's future results of operations, cash flows, or financial condition.

Reclassifications

Certain reclassifications have been made to prior year amounts to conform with current year classifications.

2. Recently Adopted and Recently Issued Accounting Standards

The following accounting standards have been adopted in 2021:

On January 1, 2021 the Company adopted changes issued by the FASB which are intended to reduce complexity and simplify the accounting for income taxes in accordance with U.S. GAAP by removing certain exceptions related to investments, intraperiod allocations and interim calculations and clarifying existing guidance to improve consistent application. These changes did not have a material impact on the Company's condensed consolidated financial statements.

The following accounting standards have been issued and become effective for the Company at a future date:

In March 2020 the FASB issued changes that provide companies with optional guidance to ease the potential accounting burden associated with transitioning from reference rates that are expected to be discontinued. In response to the concerns about risks of IBORs and, particularly, the risk of cessation of LIBOR, regulators in several jurisdictions around the world have undertaken reference rate reform initiatives to identify alternative reference rates that are more observable or transaction-based and less susceptible to manipulation. The changes provide optional expedients and exceptions for applying U.S. GAAP to contracts, hedging relationships, and other transactions affected by reference rate reform if certain criteria are met. In January 2021, the FASB issued additional clarification changes. The changes can be adopted no later than December 31, 2022 with early adoption permitted. Management does not believe these changes will have a material impact on its condensed consolidated financial statements.

In August 2020, the FASB issued changes which simplified the accounting for certain financial instruments with characteristics of liabilities and equity, including convertible instruments and contracts on an entity's own equity. The changes can be adopted

no later than January 1, 2022, with early adoption permitted. Management has concluded that this standard will not have an impact on its condensed consolidated financial statements.

3. Acquisitions and Dispositions

ESOI.

On April 6, 2020 the Company completed the acquisition of 100% of ESOL, an established waste transportation, processing and services provider with a comprehensive portfolio of disposal solutions for customers primarily across the industrial, retail and healthcare markets from Stericycle, Inc. for \$429.0 million of cash consideration, inclusive of post-closing adjustments. In addition, as part of the acquisition, the Company entered into a non-compete agreement with Stericycle, Inc.

The fair value recorded for the assets acquired and liabilities assumed for ESOL is as follows:

		Final			
(In millions)	 April 6 2020	Measurement Period Adjustments			
Cash and cash equivalents	\$ 0.4	\$ —	\$	0.4	
Trade accounts receivable	124.1	(1.5)		122.6	
Inventory	5.0	_		5.0	
Other current assets	0.7	(0.7)		_	
Property, plant and equipment	105.3	(3.9)		101.4	
Right-of-use assets	56.0	_		56.0	
Goodwill	152.0	1.3		153.3	
Intangible assets	161.0	_		161.0	
Other assets	0.2	_		0.2	
Accounts payable	(48.6)	(1.5)		(50.1)	
Accrued expenses	(17.5)	(1.8)		(19.3)	
Current portion of operating lease liabilities	(16.6)	_		(16.6)	
Other current liabilities	(6.4)	(0.2)		(6.6)	
Environmental liabilities	(24.4)	_		(24.4)	
Deferred income taxes	(15.5)	(1.5)		(17.0)	
Operating lease liabilities	(39.4)	_		(39.4)	
Total identifiable net assets of ESOL	 436.3	(9.8)		426.5	
Non-compete agreement	2.5	_		2.5	
Total identifiable net assets of ESOL, including non-compete agreement	\$ 438.8	\$ (9.8)	\$	429.0	

The goodwill is primarily attributed to expected operational efficiencies and synergies from the expanded geographical scale of hazardous waste processing facilities resulting from combining the ESOL business with the existing Clean Earth business of the Company, as well as the value associated with the assembled workforce of ESOL. The Company expects \$36.8 million of goodwill to be deductible for income tax purposes through 2030.

The following table details the valuation of identifiable intangible assets and amortization periods for ESOL and the non-compete agreement entered into by the Company upon acquisition of ESOL:

		Final								
(Dollars in millions)	Weighted-Average Amortization Period		April 6 Measurement Period 2020 Adjustments				March 31 2021			
Permits and rights	22 years	\$	138.0	\$		\$	138.0			
Customer relationships	10 years		23.0		_		23.0			
Total identifiable intangible assets of ESOL			161.0		_		161.0			
Non-compete agreement	4 years		2.5		<u> </u>		2.5			
Total identifiable intangible assets acquired		\$	163.5	\$		\$	163.5			

The Company valued the identifiable intangible assets using methodologies under the income approach including the multi-period excess earnings method, the distributor method, and the with-and-without method.

ESOL contributed revenue of \$134.2 million and operating income of \$7.0 million for the three months ended March 31, 2021. The operations of ESOL have been combined and included as part of the Harsco Clean Earth Segment.

Clean Earth

On June 28, 2019, the Company acquired 100% of the outstanding stock of Clean Earth, one of the largest U.S. providers of specialty waste processing and beneficial reuse solutions for hazardous wastes, contaminated materials and dredged volumes, for an enterprise valuation of approximately \$625 million on a cash free, debt free basis, subject to normal working capital adjustments. The Company transferred approximately \$628 million of cash consideration and agreed to reimburse the sellers for any usage of assumed net operating losses in a post-closing period for up to five years.

Pro forma financial information

The pro forma information below gives effect to the ESOL acquisition as if it had been completed on January 1, 2019. The pro forma information is not necessarily indicative of the Company's results of operations had the acquisition been completed on the above date, nor is it necessarily indicative of future results. The pro forma information does not reflect any cost savings from operating efficiencies or synergies that could result from the acquisition and does not reflect the additional revenue opportunities following the acquisition. The pro forma information below includes the adjustments necessary to reflect additional depreciation and amortization expense based on the estimated fair value and useful lives of intangible assets and fixed assets acquired; includes additional interest expense of approximately \$4.7 million for the three months ended March 31, 2020 on the acquisition related borrowings used to finance the acquisition and excludes certain directly attributable acquisition and integration costs. In addition, the historical ESOL results include \$8.9 million for the three months ended March 31, 2020 of corporate expenses charged to ESOL from Stericycle.

	1 nree	e Months Ended
		March 31
(In millions)		2020
Pro forma revenues	\$	529.5
Pro forma net income attributed to Harsco Corporation (including discontinued operations) (a)		0.9

(a) Pro forma net income includes the after tax gain on the sale of IKG of approximately \$9 million.

Harsco Industrial Segment

In January 2020 the Company sold IKG for \$85.0 million, including a note receivable with a face value of \$40.0 million (initial fair value \$34.3 million), and recognized an \$18.5 million pre-tax gain on sale (or approximately \$9 million after-tax). Together with the 2019 sales of AXC and PK, this completed the divestiture of the former Harsco Industrial Segment originally announced in May 2019. See Note 4, Accounts Receivable and Note Receivable, for additional information related to the note receivable.

The Harsco Industrial Segment has historically been a separate reportable segment with primary operations in North America and Latin America. In accordance with U.S. GAAP, the results of the former Harsco Industrial Segment are presented as discontinued operations and, as such, have been excluded from both continuing operations and segment results for the three months ended March 31, 2020.

Certain key selected financial information included in net income (loss) from discontinued operations for the former Harsco Industrial Segment is as follows:

		nded			
		March 31			
(In millions)	<u>-</u>	2021	2020		
Amounts for the former Harsco Industrial Segment:					
Total revenues	\$	— \$	10,203		
Cost of products sold		_	8,082		
Income (loss) from discontinued business		_	218		
Additional amounts allocated to the former Harsco Industrial Segment:					
Selling, general and administrative expenses (b)	\$	1,046 \$	1,266		

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(b) The Company has allocated directly attributable transaction costs to discontinued operations. In addition, this caption includes costs directly attributable to retained contingent liabilities of the Harsco Industrial Segment.

4. Accounts Receivable and Note Receivable

Accounts receivable consist of the following:

(In thousands)	March 31 2021	December 31 2020
Trade accounts receivable	\$ 425,808	\$ 414,891
Less: Allowance for expected credit losses	(7,978)	(7,501)
Trade accounts receivable, net	\$ 417,830	\$ 407,390
Other receivables (a)	\$ 32,998	\$ 34,253

(a) Other receivables include employee receivables, insurance receivable, tax claims and refunds and other miscellaneous items not included in Trade accounts receivable, net.

The provision for doubtful accounts related to trade accounts receivable was as follows:

	March 31			naea
(In thousands)		2021	31	2020
Provision for expected credit losses and doubtful accounts related to trade accounts receivable	\$	1,157	\$	219

At March 31, 2021 approximately \$10.3 million of the Company's trade accounts receivable were past due by twelve months or more. Approximately \$5.2 million of this amount is effectively reserved, and collection of the remaining balance is still ultimately expected. The increase from December 31, 2020 is due to the aging of certain customer balances in the Harsco Rail Segment, the balance of which the Company ultimately expects to collect.

In January 2020 the Company sold IKG for \$85.0 million including cash and a note receivable, subject to post-closing adjustments. The note receivable from the buyer has a face value of \$40.0 million, bearing interest at 2.50%, that is paid in kind and matures on January 31, 2027. Any unpaid principal, along with any accrued but unpaid interest is payable at maturity. Prepayment is required in case of a change in control or a percentage of excess cash flow, as defined in the note receivable agreement. Because there are no scheduled payments under the terms of the note receivable, the balance is not classified as current as of March 31, 2021 and is included in the caption Other assets on the Condensed Consolidated Balance Sheet. The initial fair value of the note receivable was \$34.3 million which was calculated using an average of various discounted cash flow scenarios based on anticipated timing of repayments (Level 3) and was a non-cash transaction. The note receivable is subsequently measured at amortized cost. Key inputs into the valuation model include: projected timing and amount of cash flows, pro forma debt rating, option-adjusted spread and U.S. Treasury spot rate. At March 31, 2021 the amortized cost of the note receivable was \$36.2 million, compared with a fair value of \$36.2 million.

(In thousands)	March 31 2021	December 31 2020
Note receivable	\$ 36,229	\$ 35,806

5. Inventories

Inventories consist of the following:

(In thousands)	March 31 2021		December 31 2020
Finished goods	\$	10,467	\$ 8,505
Work-in-process		7,846	16,522
Raw materials and purchased parts		121,883	117,789
Stores and supplies		31,391	30,197
Total inventories	\$	171,587	\$ 173,013

6. Property, Plant and Equipment

Property, plant and equipment consisted of the following:

(In thousands)	March 31 2021	December 31 2020
Land	\$ 75,581	\$ 75,559
Land improvements	20,082	20,166
Buildings and improvements	248,744	249,954
Machinery and equipment	1,570,783	1,597,592
Uncompleted construction	50,872	42,185
Gross property, plant and equipment	 1,966,062	 1,985,456
Less: Accumulated depreciation	(1,310,600)	(1,317,247)
Property, plant and equipment, net	\$ 655,462	\$ 668,209

In the third quarter of 2020, a customer of the Harsco Environmental Segment in China ceased steel making operations at its steel mill site in order to relocate the operations to a new site, as a result of a government mandate to improve environmental conditions of the area. The Company will continue to provide services to the same customer at the new site. The net book value of the idled equipment associated with the previous location is approximately \$19 million. The customer has entered into an agreement with the government where it will receive compensation for the losses the customer has incurred as a result of the forced shutdown. The Company has continued discussions with the customer regarding compensation, which are expected to be protracted. While the customer has initially indicated that they will not provide compensation, the Company disagrees with their interpretation and is evaluating its legal position in response. In addition, there may be other avenues of pursuing recovery, including seeking relief directly from the local government. At this point, considering the ongoing discussions with the customer, and other avenues, the Company believes it will recover the book value of the equipment and thus does not believe it has an asset impairment as of March 31, 2021. However, the Company will continue to evaluate changes in facts and circumstances and record any impairment charge when and if indicated.

7. Leases

The components of lease expense were as follows:

		s Ended		
		Mar	ch 31	
(In thousands)	2021			2020
Finance leases:			'	
Amortization expense	\$	475	\$	371
Interest on lease liabilities		102		52
Operating leases		8,372		4,284
Variable and short-term lease expense		12,679		7,111
Sublease income		(49)		(50)
Total lease expense from continuing operations	\$	21,579	\$	11,768

Supplemental cash flow information related to leases was as follows:

	Three Months Ended March 31					
(In thousands)	2021		2021		2021 2	
Cash paid for amounts included in the measurement of lease liabilities:						
Cash flows from operating activities - Operating leases	\$	8,092	\$	3,789		
Cash flows from financing activities - Finance leases		497		324		
ROU assets obtained in exchange for lease obligations:						
Operating leases	\$	5,702	\$	2,217		
Finance leases		430		1,234		

Supplemental balance sheet information related to leases was as follows:

(In thousands)	March 31 2021		December 31 2020
Operating Leases:			
Operating lease ROU assets	\$ 89,77	2 \$	96,849
Current portion of operating lease liabilities	23,63	2	24,862
Operating lease liabilities	64,02	.9	69,860
Finance Leases:			
Property, plant and equipment, net	\$ 8,36	32 \$	8,434
Current maturities of long-term debt	1,59	8	1,683
Long-term debt	6,90	1	6,867

Supplemental additional information related to leases was as follows:

	March 31 2021	December 31 2020
Other information:		
Weighted average remaining lease term - Operating leases (in years)	7.61	8.00
Weighted average remaining lease term - Finance leases (in years)	8.02	8.20
Weighted average discount rate - Operating leases	5.9 %	6.1 %
Weighted average discount rate - Finance leases	5.1 %	5.1 %

Maturities of lease liabilities were as follows:

(In thousands)	Operating Leases		Finance Leases
Year Ending December 31:			
2021 (excluding the three months ended March 31, 2021)	\$	22,007	\$ 1,522
2022		24,262	1,788
2023		18,957	1,577
2024		13,224	1,405
2025		8,255	797
After 2025		33,206	3,429
Total lease payments		119,911	 10,518
Less: Imputed interest		(32,250)	(2,019)
Total	\$	87,661	\$ 8,499

The Company's leases, excluding short-term leases, have remaining terms of less than one year to 30 years, some of which include options to extend for up to 10 years, and some of which include options to terminate within one year. As of March 31, 2021, the Company had additional operating leases for property and equipment that have not yet commenced with estimated ROU assets and lease liabilities of \$5.8 million to be recognized upon the anticipated lease commencements in the second quarter of 2021 There are no material residual value guarantees or material restrictive covenants in any of the Company's leases.

8. Goodwill and Other Intangible Assets

The following table reflects the changes in carrying amounts of goodwill by segment for the three months ended March 31, 2021:

(In thousands)	Harsco Environmental Segment		Harsco Clean Earth Segment		Harsco Rail Segment		Consolidated Totals
Balance at December 31, 2020	\$	406,401	\$	482,647	\$	13,026	\$ 902,074
Changes to goodwill (a)		_		1,232		_	1,232
Foreign currency translation		(2,992)		_		_	(2,992)
Balance at March 31, 2021	\$	403,409	\$	483,879	\$	13,026	\$ 900,314

⁽a) The changes to goodwill relate to the measurement period adjustments for the ESOL acquisition in the Harsco Clean Earth Segment. See Note 3, Acquisitions and Dispositions.

The Company tests for goodwill impairment annually, or more frequently if indicators of impairment exist, or if a decision is made to dispose of a business. The Company performs its annual goodwill impairment test as of October 1 and monitors for triggering events on an ongoing basis. The Company determined that, as of March 31, 2021, no interim goodwill impairment testing was necessary.

The Company has concluded that no triggering event occurred during the three months ended March 31, 2021. However, an economic downturn resulting from a deterioration of the COVID-19 situation could impact the Company's future projected cash flows used to estimate fair value, and/or result in a sustained decrease in the Company's share price, which could indicate an impairment.

Intangible assets, net, on the Company's Condensed Consolidated Balance Sheets consist of the following:

	March 31, 2021				December 31, 2020			
(In thousands)			Accumulated Amortization	Gross Carrying Amount			Accumulated Amortization	
Customer related	\$	109,413	\$	50,272	\$	109,378	\$	48,057
Permits		308,779		22,923		308,705		18,955
Technology related		40,492		10,684		40,274		9,654
Trade names		31,973		5,500		31,949		4,834
Air rights		26,139		1,239		26,139		1,044
Patents		173		127		192		139
Non-compete Agreement		2,500		625		2,500		469
Other		3,849		1,359		3,911		1,331
Total	\$	523,318	\$	92,729	\$	523,048	\$	84,483

Amortization expense for intangible assets was as follows:

	Three M	onths End	led
	Ma	rch 31	
(In thousands)	2021		2020
Amortization expense for intangible assets	\$ 8,216	\$	5,918

The estimated amortization expense for the next five fiscal years based on current intangible assets is as follows:

(In thousands)	2021	2022	2023	2024	2025
Estimated amortization expense (b)	\$ 32,900	\$ 32,400	\$ 32,300	\$ 31,800	\$ 31,600

⁽b) These estimated amortization expense amounts do not reflect the potential effect of future foreign currency exchange fluctuations.

9. Debt and Credit Agreements

On March 10, 2021, the Company amended its Senior Secured Credit Facilities to, among other things, extend the maturity date of the Revolving Credit Facility to March 10, 2026, and to modify aspects of its total net leverage ratio covenant. The interest rate applicable to the Revolving Credit Facility bears interest at a rate, depending on total net leverage, ranging from 50 to 150 basis points over base rate or 150 to 250 basis points over LIBOR, subject to a zero floor.

Under the amended agreement, the net debt to consolidated adjusted EBITDA ratio covenant is 5.75 through the end of 2021 and then decreases quarterly until reaching 4.0 in March 2023.

In addition, the Company issued New Term Loans, as an additional tranche, under the Senior Secured Credit Facilities in an aggregate principal amount of \$500 million. The New Term Loans bear interest at a rate per annum of 1.25% over base rate, subject to a zero floor, or 2.25% over LIBOR, subject to a 0.50% floor. The New Term Loans are subject to quarterly amortization of principal of 0.25%, beginning September 30, 2021. The proceeds of the New Term Loans were used to repay in full the outstanding Term Loan A and Term Loan B under the Senior Secured Credit Facilities, which were due on June 28, 2024 and December 8, 2024, respectively. The New Term Loans mature on March 10, 2028, or earlier, on the date that is 91 days prior to the maturity date of the Company's 5.75% Senior Notes due 2027 if such Senior Notes are outstanding or have not been refinanced at such time.

Total expenses of \$5.3 million, including a write-off of \$2.7 million of previously recorded deferred financing costs, were recognized during the three months ended March 31, 2021 related to the amended Senior Secured Credit Facilities in the caption Unused debt commitment fees, amendment fees and loss on extinguishment of debt on the Condensed Consolidated Statements of Operations. The Company has capitalized fees of \$7.8 million related to the amendment of the Senior Secured Credit Facilities, of which \$6.5 million were paid as of March 31, 2021.

Long-term debt consists of the following:

(In thousands)	March 31 2021		December 31 2020	
Senior Secured Credit Facilities:				
New Term Loan	\$ 500,000	\$	_	
Term Loan A	_		280,000	
Term Loan B	_		218,188	
Revolving Credit Facility	339,000		281,000	
5.75% Notes, due July 31, 2027	500,000		500,000	
Other financing payable (including finance leases) in varying amounts	22,221		21,344	
Total debt obligations	1,361,221		1,300,532	
Less: deferred financing costs	(20,176)		(15,767)	
Total debt obligations, net of deferred financing costs	 1,341,045		1,284,765	
Less: current maturities of long-term debt	(6,720)		(13,576)	
Long-term debt	\$ 1,334,325	\$	1,271,189	

10. Employee Benefit Plans

Three	Mon	ths	Ended
_			

	March 31									
Defined Benefit Pension Plans Net Periodic Pension Cost (Benefit)	U.S. Plans International Plans									
(In thousands)		2021		2020		2021		2020		
Service costs	\$		\$	_	\$	493	\$	429		
Interest costs		1,203		1,845		3,193		4,395		
Expected return on plan assets		(3,050)		(2,842)		(11,367)		(10,190)		
Recognized prior service costs		_		_		127		107		
Recognized loss		1,385		1,425		4,563		3,655		
Defined benefit pension plans net periodic pension cost (benefit)	\$	(462)	\$	428	\$	(2,991)	\$	(1,604)		

	Three Months Ended						
Company Contributions		Mar	ch 31				
(In thousands)		2021	2020				
Defined benefit pension plans (U.S.)	\$	2,866	\$	2,027			
Defined benefit pension plans (International)		12,622		10,060			
Multiemployer pension plans		440		409			
Defined contribution pension plans		3,413		3,169			

The Company's estimate of expected contributions to be paid during the remainder of 2021 for the U.S. and international defined benefit pension plans is \$1.4 million and \$12.7 million, respectively.

11. Income Taxes

Income tax expense from continuing operations for the three months ended March 31, 2021 was \$4.2 million compared with an income tax benefit from continuing operations of \$0.7 million for the three months ended March 31, 2020. The change in the income tax expense for the three months ended March 31, 2021 compared with the income tax benefit for the three months ended March 31, 2020 is the result of higher taxable income, primarily due to an improvement in operations and acquisition and integration costs in 2020 not recurring in 2021, partially offset by debt refinancing expenses in 2021.

An income tax benefit from an uncertain tax position may be recognized when it is more likely than not that the position will be sustained upon examination, based on technical merits, including resolutions of any related appeals or litigation processes. The reserve for uncertain tax positions at March 31, 2021 was \$4.3 million, including interest and penalties. Within the next twelve months, it is reasonably possible that \$0.6 million unrecognized income tax benefits will be recognized upon settlement of tax examinations and the expiration of various statutes of limitations.

12. Commitments and Contingencies

Environmental

The Company is involved in a number of environmental remediation investigations and cleanups and, along with other companies, has been identified as a "potentially responsible party" for certain byproduct disposal sites. While each of these matters is subject to various uncertainties, it is probable that the Company will agree to make payments toward funding certain of these activities, and it is possible that some of these matters will be decided unfavorably to the Company. The Company has evaluated its potential liability and its financial exposure is dependent upon such factors as the continuing evolution of environmental laws and regulatory requirements, the availability and application of technology, the allocation of cost among potentially responsible parties, the years of remedial activity required and the remediation methods selected.

The Company evaluates its liability for future environmental remediation costs on a quarterly basis. Although actual costs to be incurred at identified sites in future periods may vary from the estimates (given inherent uncertainties in evaluating environmental exposures), the Company does not expect that any costs that are reasonably possible to be incurred by the Company in connection with environmental matters in excess of the amounts accrued would have a material adverse effect on the Company's financial condition, results of operations or cash flows.

The following table summarizes information related to the location and undiscounted amount of the Company's environmental liabilities:

(In thousands)	March 31 2021	December 31 2020
Current portion of environmental liabilities (a)	\$ 6,791	\$ 6,933
Long-term environmental liabilities	 29,044	29,424
Total environmental liabilities	\$ 35,835	\$ 36,357

(a) The current portion of environmental liabilities is included in the caption Other current liabilities on the Company's Condensed Consolidated Balance Sheets.

Environmental liabilities relate primarily to the ESOL business which was acquired on April 6, 2020. As part of the ESOL acquisition, the Company assumed control of certain closed sites that were being monitored as part of ongoing environmental remediation plans. See Note 3, Acquisitions and Dispositions, for additional details.

Legal Proceedings

In the ordinary course of business, the company is a defendant or party to various claims and lawsuits, including those discussed below.

On January 27, 2020, the U.S. EPA issued a Notice of Potential Liability to the Company, along with several other companies, concerning the Newtown Creek Superfund Site located in Kings and Queens Counties in New York. The Notice alleges certain facilities formerly owned or operated by subsidiaries of the Company may have resulted in the discharge of hazardous substances into Newtown Creek or its Dutch Kills tributary. The site has been subject to CERCLA response activities since approximately 2011, and a feasibility study is currently being performed to evaluate a potential early action response for the lower two miles of the Creek. The Company is one of approximately eighteen (18) Potentially Responsible Parties that have received notices, though it is believed other PRPs may exist. The Company vigorously contests the allegations of the Notice and currently does not believe that this matter will have a material effect on the Company's financial position.

On June 25 and 26, 2018, the DTSC conducted a compliance enforcement inspection of ESOL's facility in Rancho Cordova, California, which was then owned by Stericycle, Inc. On February 14, 2020, the DTSC filed an action in the Superior Court for the State of California, Sacramento Division, alleging violations of California's Hazardous Waste Control Law and the facility's hazardous waste permit arising from the inspection. On August 27, 2020 the DTSC issued a Notice of Denial of Hazardous Waste Facility Permit Application. On September 25, 2020, the Company filed an administrative appeal. The DTSC investigation was ongoing well before the Company's acquisition of the ESOL business, and the Company was aware of the investigation and many of the issues raised in the investigation at the time of the purchase. Accordingly, the Company is indemnified for certain fines and other costs and expenses associated with this matter by Stericycle, Inc. As a result, the administrative appeal will be led by Stericycle, Inc. The Company has not accrued any amounts in respect of these alleged violations and cannot estimate the reasonably possible loss or the range of reasonably possible losses that it may incur.

As previously disclosed, the Company has had ongoing meetings with the SCE over processing salt cakes, a processing byproduct, stored at the Al Hafeerah site. The Company's Bahrain operations that produced the salt cakes has ceased operations. An Environmental Impact Assessment and Technical Feasibility Study for facilities to process the salt cakes was approved by the SCE during the first quarter of 2018. Commissioning of the facilities is currently in progress and should be completed during the second quarter of 2021, and full operations are expected during the second half of 2021. The Company has previously established a reserve of \$7.0 million, which represents the Company's best estimate of the ultimate costs to be incurred to resolve this matter. The Company continues to evaluate this reserve and any future change in estimated costs could be material to the Company's results of operations in any one period.

On July 27, 2018 Brazil's Federal and Rio de Janeiro State Public Prosecution Offices (MPF and MPE) filed a Civil Public Action against one of the Company's customers (CSN), the Company's Brazilian subsidiary, the Municipality of Volta Redonda, Brazil, and the Instituto Estadual do Ambiente (local environmental protection agency) seeking the implementation of various measures to limit and reduce the accumulation of customer-owned slag at the site in Brazil. On August 6, 2018 the 3rd Federal Court in Volta Redonda granted the MPF and MPE an injunction against the same parties requiring, among other things, CSN and the Company's Brazilian subsidiary to limit the volume of slag sent to the site. Because the customer owns the site and the slag located on the site, the Company believes that complying with this injunction is the steel producer's responsibility. On March 18, 2019 the Court issued an order fining the Company 5,000 Brazilian reais per day (or approximately \$9,000 per day) and CSN 20,000 Brazilian reais per day (or approximately \$3,500 per day) until the requirements of the injunction are met. On November 1, 2019 the Court issued an additional order increasing the fines assessed to the

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Company to 25,000 Brazilian reais per day (or approximately \$4,300 per day) and raising the fines assessed to CSN to 100,000 Brazilian reais per day (or approximately \$17,300 per day). The Court also assessed an additional fine of 10,000,000 Brazilian reais (or approximately \$1,732,000) against CSN and the Company jointly. The Company is appealing the fines and the underlying injunction. Both the Company and CSN continue to have discussions with the governmental authorities on the injunction and the possible resolution of the underlying case. The Company does not believe that a loss relating to this matter is probable or estimable at this point.

On October 19, 2018 local environmental authorities issued an enforcement action against the Company concerning the Company's operations at a customer site in Ijmuiden, Netherlands. The enforcement action alleges violations of the Company's environmental permit at the site, which restricts the release of any visible dust emissions. The enforcement action ordered the Company to cease all violations of the permit by October 31, 2018. The authorities have issued three additional enforcement actions since that time and have asserted fines of approximately \$0.7 million which the Company has recorded, with the possibility of additional fines for any future violations. The Company is vigorously contesting the enforcement action and fines and is also working with its customer to ensure the control of emissions. The Company has contractual indemnity rights from its customer, should it be required to pay the assessed fines.

DEA Investigation

Prior to the Company's acquisition of ESOL, Stericycle, Inc, notified the Company that the DEA had served an administrative subpoena on Stericycle, Inc. and executed a search warrant at a facility in Rancho Cordova, California and an administrative inspection warrant at a facility in Indianapolis, Indiana. The Company has determined that the DEA and the DTSC have launched investigations involving, at least in part, the ESOL business of collecting, transporting, and destroying controlled substances from retail customers that transferred from Stericycle, Inc. to the Company. In connection with these investigations, the DEA also executed a search warrant on an ESOL facility in Austin Texas on July 2, 2020. The Company is cooperating with these inquiries, which relate primarily to the period before the Company owned the ESOL business. Since the acquisition of the ESOL business, the Company has performed a vigorous review of ESOL's compliance program related to controlled substances and has made material changes to the manner in which controlled substances are transported from retail customers to DEA-registered facilities for destruction. The Company has not accrued any amounts in respect of these investigations and cannot estimate the reasonably possible loss or the range of reasonably possible losses that it may incur, if any. Investigations of this type are, by their nature, uncertain and unpredictable. While it is the Company's position that it has recourse for some or all liabilities, if any, that arise from these matters under the ESOL purchase agreement and representations and warranties insurance policies purchased by the Company, there can be no assurances that the Company's position will ultimately prevail.

Brazilian Tax Disputes

The Company is involved in a number of tax disputes with federal, state and municipal tax authorities in Brazil. These disputes are at various stages of the legal process, including the administrative review phase and the collection action phase, and include assessments of fixed amounts of principal and penalties, plus interest charges that increase at statutorily determined amounts per month and are assessed on the aggregate amount of the principal and penalties. In addition, the losing party, at the collection action or court of appeals phase, could be subject to a charge to cover statutorily mandated legal fees, which are generally calculated as a percentage of the total assessed amounts due, inclusive of penalty and interest. Many of the claims relate to ICMS, services and social security tax disputes. The largest proportion of the assessed amounts relate to ICMS claims filed by the SPRA, encompassing the period from January 2002 to May 2005.

In October 2009 the Company received notification of the SPRA's final administrative decision regarding the levying of ICMS in the State of São Paulo in relation to services provided to a customer in the State between January 2004 and May 2005. As of March 31, 2021 the principal amount of the tax assessment from the SPRA with regard to this case is approximately \$1.1 million, with penalty, interest and fees assessed to date increasing such amount by an additional \$14.7 million. On June 4, 2018 the Appellate Court of the State of Sao Paulo ruled in favor of the SPRA but ruled that the assessed penalty should be reduced to approximately \$1.1 million. After calculating the interest accrued on the penalty, the Company estimates that this ruling reduces the current overall potential liability for this case to approximately \$6 million. All such amounts include the effect of foreign currency translation. The Company has appealed the ruling in favor of the SPRA to the Superior Court of Justice. Due to multiple court precedents in the Company's favor, as well as the Company's ability to appeal, the Company does not believe a loss is probable.

Another ICMS tax case involving the SPRA refers to the tax period from January 2002 to December 2003. In December 2018 the administrative tribunal hearing the case upheld the Company's liability. The Company has appealed to the judicial phase. The aggregate amount assessed by the tax authorities in August 2005 was \$4.4 million (the amounts with regard to this claim are valued as of the date of the assessment since it has not yet reached the collection phase), composed of a principal amount of \$1.0 million, with penalty and interest assessed through that date increasing such amount by an additional \$3.3 million. On December 6, 2018 the administrative tribunal reduced the applicable penalties to \$0.7 million. After calculating the interest

accrued on the current penalty, the Company estimates that the current overall liability for this case to be approximately \$5.0 million. All such amounts include the effect of foreign currency translation. Due to multiple court precedents in the Company's favor the Company does not believe a loss is probable.

The Company continues to believe that sufficient coverage for these claims exists as a result of the indemnification obligations of the Company's customer and such customer's pledge of assets in connection with the October 2009 notice, as required by Brazilian law.

On December 30, 2020, the Company received an assessment from the municipal authority in Ipatinga, Brazil alleging approximately \$1.8 million in unpaid service taxes from the period 2015 to 2020. After calculating the interest and penalties accrued, the Company estimates that the current overall potential liability for this case to be approximately \$3.0 million. On January 18, 2021, the Company filed a challenge to the assessment. Due to the multiple defenses that are available, the Company does not believe a loss is probable.

The Company intends to continue its practice of vigorously defending itself against these tax claims under various alternatives, including judicial appeal. The Company will continue to evaluate its potential liability with regard to these claims on a quarterly basis; however, it is not possible to predict the ultimate outcome of these tax-related disputes in Brazil. No loss provision has been recorded in the Company's condensed consolidated financial statements for the disputes described above because the loss contingency is not deemed probable, and the Company does not expect that any costs that are reasonably possible to be incurred by the Company in connection with Brazilian tax disputes would have a material adverse effect on the Company's financial condition, results of operations or cash flows.

Brazilian Labor Disputes

The Company is subject to ongoing collective bargaining and individual labor claims in Brazil through the Harsco Environmental Segment which allege, among other things, the Company's failure to pay required amounts for overtime and vacation at certain sites. The Company is vigorously defending itself against these claims; however, litigation is inherently unpredictable, particularly in foreign jurisdictions. While the Company does not currently expect that the ultimate resolution of these claims will have a material adverse effect on the Company's financial condition, results of operations or cash flows, it is not possible to predict the ultimate outcome of these labor-related disputes. As of March 31, 2021 and December 31, 2020 the Company has established reserves of \$3.7 million and \$4.3 million, respectively, on the Company's Condensed Consolidated Balance Sheets for amounts considered to be probable and estimable.

Other

The Company is named as one of many defendants (approximately 90 or more in most cases) in legal actions in the U.S. alleging personal injury from exposure to airborne asbestos over the past several decades. In their suits, the plaintiffs have named as defendants, among others, many manufacturers, distributors and installers of numerous types of equipment or products that allegedly contained asbestos.

The Company believes that the claims against it are without merit. The Company has never been a producer, manufacturer or processor of asbestos fibers. Any asbestos-containing part of a Company product used in the past was purchased from a supplier and the asbestos encapsulated in other materials such that airborne exposure, if it occurred, was not harmful and is not associated with the types of injuries alleged in the pending actions.

At March 31, 2021 there were approximately 17,192 pending asbestos personal injury actions filed against the Company. Of those actions, approximately 16,602 were filed in the New York Supreme Court (New York County), approximately 119 were filed in other New York State Supreme Court Counties and approximately 471 were filed in courts located in other states.

The complaints in most of those actions generally follow a form that contains a standard damages demand of \$20 million or \$25 million, regardless of the individual plaintiff's alleged medical condition, and without identifying any specific Company product.

At March 31, 2021 approximately 16,549 of the actions filed in New York Supreme Court (New York County) were on the Deferred/Inactive Docket created by the court in December 2002 for all pending and future asbestos actions filed by persons who cannot demonstrate that they have a malignant condition or discernible physical impairment. The remaining approximately 53 cases in New York County are pending on the Active or In Extremis Docket created for plaintiffs who can demonstrate a malignant condition or physical impairment.

The Company has liability insurance coverage under various primary and excess policies that the Company believes will be available, if necessary, to substantially cover any liability that might ultimately be incurred in the asbestos actions referred to above. The costs and expenses of the asbestos actions are being paid by the Company's insurers.

In view of the persistence of asbestos litigation in the U.S., the Company expects to continue to receive additional claims in the future. The Company intends to continue its practice of vigorously defending these claims and cases. At March 31, 2021 the Company has obtained dismissal in approximately 28,324 cases by stipulation or summary judgment prior to trial.

It is not possible to predict the ultimate outcome of asbestos-related actions in the U.S. due to the unpredictable nature of this litigation, and no loss provision has been recorded in the Company's condensed consolidated financial statements because a loss contingency is not deemed probable or estimable. Despite this uncertainty, and although results of operations and cash flows for a given period could be adversely affected by asbestos-related actions, the Company does not expect that any costs that are reasonably possible to be incurred by the Company in connection with asbestos litigation would have a material adverse effect on the Company's financial condition, results of operations or cash flows.

The Company is subject to various other claims and legal proceedings covering a wide range of matters that arose in the ordinary course of business. In the opinion of management, all such matters are adequately covered by insurance or by established reserves, and, if not so covered, are without merit or are of such kind, or involve such amounts, as would not have a material adverse effect on the financial position, results of operations or cash flows of the Company.

Insurance liabilities are recorded when it is probable that a liability has been incurred for a particular event and the amount of loss associated with the event can be reasonably estimated. Insurance reserves have been estimated based primarily upon actuarial calculations and reflect the undiscounted estimated liabilities for ultimate losses, including claims incurred but not reported. Inherent in these estimates are assumptions that are based on the Company's history of claims and losses, a detailed analysis of existing claims with respect to potential value, and current legal and legislative trends. If actual claims differ from those projected by management, changes (either increases or decreases) to insurance reserves may be required and would be recorded through income in the period the change was determined. When a recognized liability is covered by third-party insurance, the Company records an insurance claim receivable to reflect the covered liability. Insurance claim receivables are included in Other receivables on the Company's Condensed Consolidated Balance Sheets. See Note 1, Summary of Significant Accounting Policies, to the consolidated financial statements included in the Company's Annual Report on Form 10-K for the year ended December 31, 2020 for additional information on Accrued insurance and loss reserves.

13. Reconciliation of Basic and Diluted Shares

		onths Ended arch 31			
(In thousands, except per share amounts)		2021	CII JI	2020	
Income (loss) from continuing operations attributable to Harsco Corporation common stockholders	\$	1,462	\$	(8,782)	
Weighted-average shares outstanding:					
Weighted-average shares outstanding - basic		79,088		78,761	
Dilutive effect of stock-based compensation		927			
Weighted-average shares outstanding - diluted		80,015		78,761	
Earnings (loss) from continuing operations per common share, attributable to Harsco Corporation common stock	cholders:				
Basic	\$	0.02	\$	(0.11)	
Diluted	\$	0.02	\$	(0.11)	

The following average outstanding stock-based compensation units were not included in the computation of diluted earnings per share because the effect was either antidilutive or the market conditions for the performance share units were not met:

	Three Months Ended March 31					
(In thousands)	2021	2020				
Restricted stock units		749				
Stock appreciation rights	847	2,643				
Performance share units	1,013	940				

14. Derivative Instruments, Hedging Activities and Fair Value

Derivative Instruments and Hedging Activities

The Company uses derivative instruments, including foreign currency exchange forward contracts, interest rate swaps and CCIRs, to manage certain foreign currency and interest rate exposures. Derivative instruments are viewed as risk management tools by the Company and are not used for trading or speculative purposes. All derivative instruments are recorded on the

Company's Condensed Consolidated Balance Sheets at fair value. The accounting for changes in the fair value of derivatives depends on the intended use of the derivative, whether the Company has elected to designate a derivative in a hedging relationship and apply hedge accounting and whether the hedging relationship has satisfied the criteria necessary to apply hedge accounting. Derivatives designated and qualifying as a hedge of the exposure to variability in expected future cash flows, or other types of forecasted transactions, are considered cash flow hedges. Hedge accounting generally provides for the matching of the timing of gain or loss recognition on the hedging instrument with the recognition of the earnings effect of the hedged forecasted transactions in a cash flow hedge. The Company may enter into derivative contracts that are intended to economically hedge certain of its risks, even though hedge accounting does not apply or the Company elects not to apply hedge accounting.

The Company primarily applies the market approach for recurring fair value measurements and endeavors to utilize the best available information. Accordingly, the Company utilizes valuation techniques that maximize the use of observable inputs, such as forward rates, interest rates, the Company's credit risk and counterparties' credit risks, and which minimize the use of unobservable inputs. The Company is able to classify fair value balances based on the ability to observe those inputs. Foreign currency exchange forward contracts, interest rate swaps and CCIRs are based upon pricing models using market-based inputs (Level 2). Model inputs can be verified and valuation techniques do not involve significant management judgment.

The fair value of outstanding derivative contracts recorded as assets and liabilities on the Company's Condensed Consolidated Balance Sheets was as follows:

			Fair Value of Derivatives Designated as		Fair Value of Perivatives Not Designated as		
(In thousands)	Balance Sheet Location	He			ging Instruments	7	Total Fair Value
March 31, 2021							
Asset derivatives (Level 2):							
Foreign currency exchange forward contracts	Other current assets	\$	502	\$	6,995	\$	7,497
Total		\$	502	\$	6,995	\$	7,497
Liability derivatives (Level 2):							
Foreign currency exchange forward contracts	Other current liabilities	\$	786	\$	2,144	\$	2,930
Interest rate swaps	Other current liabilities		3,651		_		3,651
Interest rate swaps	Other liabilities		3,151		<u> </u>		3,151
Total		\$	7,588	\$	2,144	\$	9,732
December 31, 2020							
Asset derivatives (Level 2):							
Foreign currency exchange forward contracts	Other current assets	\$	900	\$	2,777	\$	3,677
Total		\$	900	\$	2,777	\$	3,677
Liability derivatives (Level 2):		_					
Foreign currency exchange forward contracts	Other current liabilities	\$	950	\$	4,098	\$	5,048
Interest rate swaps	Other current liabilities		3,959		_		3,959
Interest rate swaps	Other liabilities		3,718		_		3,718
Total		\$	8,627	\$	4,098	\$	12,725

All of the Company's derivatives are recorded on the Condensed Consolidated Balance Sheets at gross amounts and not offset. All of the Company's interest rate swaps, CCIRs and certain foreign currency exchange forward contracts are transacted under ISDA documentation. Each ISDA master agreement permits the net settlement of amounts owed in the event of default. The Company's derivative assets and liabilities subject to enforceable master netting arrangements, if offset, would have resulted in a \$1.6 million net liability at March 31, 2021 and at December 31, 2020 would not have resulted in a net asset or liability.

The effect of derivative instruments on the Company's Condensed Consolidated Statements of Operations and Condensed Consolidated Statements of Comprehensive Income (Loss) was as follows:

Derivatives Designated as Hedging Instruments

		Amount Re OCI on D	cogniz eriva	zed in tives		AO	Amount Rec CI into Income - Equ	Effec	
	Three Months Ended March 31		Location of Amount			ree Months Ended March 31			
(In thousands)		2021		2020	Reclassified from AOCI into Income		2021		2020
Foreign currency exchange forward contracts	\$	(1)	\$	2,037	Product revenues	\$	(50)	\$	(1,404)
Interest rate swaps		19		(3,578)	Interest expense		865		378
CCIRs (a)		_		58	Interest expense		_		305
	\$	18	\$	(1,483)		\$	815	\$	(721)

⁽a) Amounts represent changes in foreign currency translation related to balances in AOCI.

The location and amount of gain (loss) recognized on the Company's Condensed Consolidated Statements of Operations was as follows:

	Three Months Ended March 31								
		20	21			20	20		
(in thousands)		Product Revenues	Intere	st Expense		Product Revenues	Inte	rest Expense	
Total amounts of line items presented in the Condensed Consolidated Statement of Operations in which the effects of cash flow hedges are recorded	\$	104,406	\$	(16,864)	\$	107,252	\$	(12,649)	
Interest rate swaps:									
Gain or (loss) reclassified from AOCI into income		_		(865)		_		(378)	
Foreign exchange contracts:									
Gain or (loss) reclassified from AOCI into income		50		_		1,404		_	
Amount excluded from effectiveness testing recognized in earnings based on changes in fair value		28		_		183		_	
Amount excluded from the effectiveness testing recognized in earnings based on an amortization approach		1		_		_		_	
CCIRs:									
Loss reclassified from AOCI into income		_		_		_		(305)	

Derivatives Not Designated as Hedging Instruments

		Amou	ınt of Gain (Loss on Deriv		
		Three Months Ended March 31			
	Location of Gain (Loss) Recognized in		Mar	ch 31	
(In thousands)	Income on Derivatives	2021 2020			2020
Foreign currency exchange forward contracts	Cost of services and products sold	\$	4,744	\$	5,542

⁽b) These gains (losses) offset amounts recognized in cost of services and products sold principally as a result of intercompany or third party foreign currency exposures.

Foreign Currency Exchange Forward Contracts

The Company conducts business in multiple currencies and, accordingly, is subject to the inherent risks associated with foreign exchange rate movements. Foreign currency-denominated assets and liabilities are translated into U.S. dollars at the exchange rates existing at the respective consolidated balance sheet dates, and income and expense items are translated at the average exchange rates during the respective periods.

The Company uses derivative instruments to hedge cash flows related to foreign currency fluctuations. Foreign currency exchange forward contracts outstanding are part of a worldwide program to minimize foreign currency exchange operating income and balance sheet exposure by offsetting foreign currency exposures of certain future payments between the Company and various subsidiaries, suppliers or customers. The unsecured contracts are with major financial institutions. The Company may be exposed to credit loss in the event of non-performance by the contract counterparties. The Company evaluates the creditworthiness of the counterparties and does not expect default by them. Foreign currency exchange forward contracts are used to hedge commitments, such as foreign currency debt, firm purchase commitments and foreign currency cash flows for certain export sales transactions.

Changes in the fair value of derivatives used to hedge foreign currency denominated balance sheet items are reported directly in earnings, along with offsetting transaction gains and losses on the items being hedged. Derivatives used to hedge forecasted cash flows associated with foreign currency commitments may be accounted for as cash flow hedges, as deemed appropriate, if the criteria for hedge accounting are met. Gains and losses on derivatives designated as cash flow hedges are deferred in AOCI, a separate component of equity, and reclassified to earnings in a manner that matches the timing of the earnings impact of the hedged transactions. The ineffective portion of all hedges, if any, is recognized currently in earnings.

The recognized gains and losses offset amounts recognized in cost of services and products sold principally as a result of intercompany or third-party foreign currency exposures. At March 31, 2021 and December 31, 2020 the notional amounts of foreign currency exchange forward contracts were \$403.6 million and \$460.5 million, respectively. These contracts are primarily denominated in British Pound Sterling and Euros and mature through October 2022.

In addition to foreign currency exchange forward contracts, the Company designates certain loans as hedges of net investments in international subsidiaries. The Company recorded pre-tax net gains of \$3.3 million for the three months ended March 31, 2021 and pre-tax net losses of \$9.7 million for the three months ended March 31, 2020 in AOCI.

Interest Rate Swaps

The Company uses interest rate swaps in conjunction with certain variable rate debt issuances in order to secure a fixed interest rate. Changes in the fair value attributed to the effect of the swaps' interest spread and changes in the credit worthiness of the counter-parties are recorded in AOCI.

At March 31, 2021, the Company has entered into a series of interest rate swaps that are in effect through 2022 and have the effect of converting \$200.0 million of the Term Loan Facility from floating-rate to fixed-rate. The fixed rates provided by the swaps replace the adjusted LIBOR rate in the interest calculation, ranging from 2.71% for 2021 to 3.12% for 2022.

Cross-Currency Interest Rate Swaps

The Company may use CCIRs in conjunction with certain debt issuances in order to secure a fixed local currency interest rate. Under these CCIRs, the Company receives interest based on a fixed or floating U.S. dollar rate and pays interest on a fixed local currency rate based on the contractual amounts in dollars and the local currency, respectively. At maturity, there is also the payment of principal amounts between currencies. Changes in the fair value attributed to the effect of the swaps' interest spread and changes in the credit worthiness of the counter-parties are recorded in AOCI. Changes in value attributed to the effect of foreign currency fluctuations are recorded on the Company's Condensed Consolidated Statements of Operations and offset currency fluctuation effects on the debt principal. The Company had no outstanding CCIRs at March 31, 2021.

Fair Value of Other Financial Instruments

The carrying amounts of cash and cash equivalents, accounts receivable, accounts payable, accrued liabilities and short-term borrowings approximate fair value due to the short-term maturities of these assets and liabilities. At March 31, 2021 and December 31, 2020 the total fair value of long-term debt (excluding deferred financing costs), including current maturities, was \$1,364.7 million and \$1,324.9 million, respectively, compared with a carrying value of \$1,361.2 million and \$1,300.5 million, respectively. Fair values for debt are based on pricing models using market-based inputs (Level 2) for similar issues or on the current rates offered to the Company for debt of the same remaining maturities.

15. Review of Operations by Segment

	Th	Three Months Ended March 31						
(In thousands)	2021		2020					
Revenues From Continuing Operations (a)								
Harsco Environmental	\$ 257	,986 \$	241,559					
Harsco Clean Earth	189	,279	78,812					
Harsco Rail	81	,590	78,470					
Total Revenues From Continuing Operations	\$ 528	,855 \$	398,841					
Operating Income (Loss) From Continuing Operations (a)								
Harsco Environmental	\$ 25	,935 \$	10,520					
Harsco Clean Earth	3	,178	4,245					
Harsco Rail	4	,664	6,472					
Corporate	(8	,953)	(18,356)					
Total Operating Income From Continuing Operations	\$ 24	,824 \$	2,881					
Depreciation (a)								
Harsco Environmental	\$ 25	,717 \$	25,375					
Harsco Clean Earth	5	,337	2,621					
Harsco Rail	1	,211	1,215					
Corporate		483	513					
Total Depreciation	\$ 32	,748 \$	29,724					
Amortization (a)								
Harsco Environmental	\$ 2	,048 \$	1,936					
Harsco Clean Earth	6	,083	3,898					
Harsco Rail		85	84					
Corporate (b)		751	639					
Total Amortization	\$ 8	,967 \$	6,557					
Capital Expenditures (a)								
Harsco Environmental	\$ 24	,419 \$	24,748					
Harsco Clean Earth	2	,530	1,442					
Harsco Rail		365	1,539					
Corporate		68	58					
Total Capital Expenditures	\$ 27	,382 \$	27,787					

(a) The Company's acquisition of ESOL closed on April 6, 2020. See Note 3, Acquisitions and Dispositions, for additional details.

(b) Amortization expense on Corporate relates to the amortization of deferred financing costs.

Reconciliation of Segment Operating Income to Income (Loss) From Continuing Operations Before Income Taxes and Equity Income

	i nree Moi Mar	itns En ch 31	aea
(In thousands)	2021		2020
Segment operating income	\$ 33,777	\$	21,237
General Corporate expense	 (8,953)		(18,356)
Operating income from continuing operations	24,824		2,881
Interest income	585		193
Interest expense	(16,864)		(12,649)
Unused debt commitment fees, amendment fees and loss on extinguishment of debt	(5,258)		(488)
Defined benefit pension income	 3,953		1,589
Income (loss) from continuing operations before income taxes and equity income	\$ 7,240	\$	(8,474)

16. Revenue Recognition

The Company recognizes revenues to depict the transfer of promised services and products to customers in an amount that reflects the consideration the Company expects to receive in exchange for those services or products. Service revenues include the Harsco Clean Earth Segment and the service components of the Harsco Environmental and Harsco Rail Segments. Product revenues include portions of the Harsco Environmental and Harsco Rail Segments.

A summary of the Company's revenues by primary geographical markets as well as by key product and service groups is as follows:

Three Months Ended March 31, 2021

(In thousands)		Harsco Harsco Harsco Environmental Clean Earth Rail Segment Segment Segment					Consolidated Totals		
Primary Geographical Markets (a) (b):									
North America	\$	67,181	\$	189,279	\$	58,261	\$	314,721	
Western Europe		112,171		_		16,633		128,804	
Latin America (c)		30,653		_		560		31,213	
Asia-Pacific		23,370		_		6,136		29,506	
Middle East and Africa		20,121		_		_		20,121	
Eastern Europe		4,490		_		_		4,490	
Total Revenues	\$	257,986	\$	189,279	\$	81,590	\$	528,855	
Key Product and Service Groups (a):	_				-				
Environmental services related to resource recovery for metals manufacturing and related logistical services	\$	225,060	\$	_	\$	_	\$	225,060	
Applied products		29,785		_		_		29,785	
Environmental systems for aluminum dross and scrap processing		3,141		_		_		3,141	
Railway track maintenance equipment		_		_		46,440		46,440	
After market parts and services; safety and diagnostic technology		_		_		26,769		26,769	
Railway contracting services		_		_		8,381		8,381	
Waste processing, recycling, reuse and transportation solutions		_		189,279		_		189,279	
Total Revenues	\$	257,986	\$	189,279	\$	81,590	\$	528,855	

Three Months Ended

	March 31, 2020									
(In thousands)		Harsco Environmental Segment	Harsco tal Clean Earth Segment			Harsco Rail Segment	Co	nsolidated Totals		
Primary Geographical Markets (a) (b):										
North America	\$	69,881	\$	78,812	\$	53,773	\$	202,466		
Western Europe		96,317		_		18,164		114,481		
Latin America (c)		33,260		_		665		33,925		
Asia-Pacific		21,996		_		5,868		27,864		
Middle East and Africa		15,889		_				15,889		
Eastern Europe		4,216						4,216		
Total Revenues	\$	241,559	\$	78,812	\$	78,470	\$	398,841		
Key Product and Service Groups (a): Environmental services related to resource recovery for metals										
manufacturing and related logistical services	\$	207,596	\$	_	\$	_	\$	207,596		
Applied products		30,262		_		_		30,262		
Environmental systems for aluminum dross and scrap processing		3,701		_		_		3,701		
Railway track maintenance equipment		_		_		42,615		42,615		
After market parts and services; safety and diagnostic technology		_		_		31,200		31,200		
Railway contracting services		_		_		4,655		4,655		
Waste processing, recycling, reuse and transportation solutions		_		78,812		_		78,812		
Total Revenues	\$	241,559	\$	78,812	\$	78,470	\$	398,841		

⁽a) The Company's acquisition of ESOL closed on April 6, 2020. The results are included in the Harsco Clean Earth Segment. See Note 3, Acquisitions and Dispositions, for additional details.

- (b) Revenues are attributed to individual countries based on the location of the facility generating the revenue.
- (c) Includes Mexico

The Company may receive payments in advance of earning revenue, which are treated as Advances on contracts on the Condensed Consolidated Balance Sheets. The Company may recognize revenue in advance of being able to contractually invoice the customer, which is treated as Contract assets on the Condensed Consolidated Balance Sheets. Non-current contract assets are included in Other assets on the Condensed Consolidated Balance Sheets. Contract assets are transferred to Trade accounts receivable, net, when the right to payment becomes unconditional. Contract assets and Contract liabilities are reported as a net position, on a contract-by-contract basis, at the end of each reporting period. These instances are primarily related to the Harsco Rail Segment.

The Company had Contract assets totaling \$79.1 million and \$60.1 million at March 31, 2021 and December 31, 2020, respectively. The increase is due principally to additional contract assets recognized in excess of the transfer of contract assets to accounts receivable, primarily in the Harsco Rail Segment. The Company had Advances on contracts totaling \$72.5 million and \$84.9 million at March 31, 2021 and December 31, 2020, respectively. The decrease is due principally to the recognition of revenue on previously received Advances on contracts in excess of the receipt of new advances on contracts during the period, primarily in the Harsco Rail Segment. During the three months ended March 31, 2021 and 2020, the Company recognized approximately \$17 million and \$18 million, respectively, of revenue related to amounts previously included in Advances on contracts.

At March 31, 2021 the Harsco Environmental Segment had remaining, fixed, unsatisfied performance obligations where the expected contract duration exceeds one year totaling \$74.7 million. Of this amount, \$17.9 million is expected to be fulfilled by March 31, 2022, \$16.7 million by March 31, 2023, \$15.5 million by March 31, 2024, \$15.2 million by March 31, 2025 and the remainder thereafter. These amounts exclude any variable fees, fixed fees subject to indexation and any performance obligations expected to be satisfied within one year.

At March 31, 2021 the Harsco Rail Segment had remaining, fixed, unsatisfied performance obligations where the expected contract duration exceeds one year totaling \$299.5 million. Of this amount, \$121.3 million is expected to be fulfilled by March 31, 2022, \$102.8 million by March 31, 2023, \$52.6 million by March 31, 2024, \$14.5 million by March 31, 2025 and the remainder thereafter. These amounts exclude any variable fees, fixed fees subject to indexation and any performance obligations expected to be satisfied within one year.

The Company recognized an initial estimated forward loss provision related to the contracts with SBB of \$45.1 million for the year ended December 31, 2016. The Company recorded an additional forward loss provision of \$1.8 million for the year ended December 31, 2018. At March 31, 2021 and December 31, 2020 the remaining estimated forward loss provision of \$3.8 million and \$4.4 million, respectively, is included in the caption Other current liabilities on the Condensed Consolidated Balance Sheets. The estimated forward loss provision represents the Company's best estimate based on currently available information. It is possible that the Company's overall estimate of costs to complete these contracts may increase, which would result in an additional estimated forward loss provision at such time.

The Company recognized \$5.2 million and \$10.1 million of revenues for the contracts with SBB on an over time basis, utilizing a cost-to-cost method for the three months ended March 31, 2021 and 2020, respectively. The Company has substantially completed the first contract and is approximately 74% complete on the second contract with SBB as of March 31, 2021.

The Company provides assurance type warranties primarily for product sales in the Harsco Rail Segment. These warranties are typically not priced or negotiated separately (there is no option to separately purchase the warranty) or the warranty does not provide customers with a service in addition to the assurance that the product complies with agreed-upon specifications. Accordingly, such warranties do not represent separate performance obligations.

Concurrent to the ESOL acquisition, the Company entered into an agreement with Stericycle Inc. related to certain Stericycle, Inc. customers who receive services from both ESOL and other Stericycle, Inc. businesses under a single contractual arrangement. The revenue pertaining to services rendered to these customers are invoiced centrally through Stericycle, Inc. billing systems and ESOL's portion of the revenue, less a management fee, is then distributed to the Company.

17. Other (Income) Expenses, Net

The major components of this Condensed Consolidated Statements of Operations caption were as follows:

	Three Months Ended					
		Mar	ch 31			
(In thousands)		2021		2020		
Employee termination benefit costs	\$	589	\$	5,455		
Other costs to exit activities		238		176		
Impaired asset write-downs		22		69		
Net gains		(1,693)		(19)		
Other		(68)		52		
Other (income) expenses, net	\$	(912)	\$	5,733		

18. Components of Accumulated Other Comprehensive Loss

AOCI is included on the Condensed Consolidated Statements of Stockholders' Equity. The components of AOCI, net of the effect of income taxes, and activity for the three months ended March 31, 2020 and 2021 was as follows:

	Components of AOCI, Net of Tax									
(In thousands)	For	Cumulative eign Exchange Franslation djustments		Effective Portion of Derivatives Designated as Hedging Instruments		Cumulative Unrecognized Actuarial Losses on Pension Obligations		Unrealized Gain (Loss) on Marketable Securities		Total
Balance at December 31, 2019	\$	(143,340)	\$	(3,717)	(\$ (440,562)		\$ (3)	\$	(587,622)
OCI before reclassifications		(71,472) (a)		(1,042) (b)		21,429	(a)	(18)		(51,103)
Amounts reclassified from AOCI, net of tax		12,906		(645)		8,840				21,101
Total OCI		(58,566)		(1,687)		30,269		(18)		(30,002)
OCI attributable to noncontrolling interests		1,148		_		_		_		1,148
OCI attributable to Harsco Corporation		(57,418)		(1,687)	_	30,269		(18)		(28,854)
Balance at March 31, 2020	\$	(200,758)	\$	(5,404)		\$ (410,293)		\$ (21)	\$	(616,476)

	Components of AOCI, Net of Tax									
(In thousands)	Cumulative Foreign Exchange Translation Adjustments		Effective Portion of Derivatives Designated as Hedging Instruments		Cumulative Unrecognized Actuarial Losses on Pension Obligations		d Unrealized Gair ses (Loss) on Marketable			Total
Balance at December 31, 2020	\$	(125,392)	\$	(5,840)	\$	5 (514,500)	\$	(9)	\$	(645,741)
OCI before reclassifications		(3,296) (a)		119 (b)	_	(1,897) (a)		17		(5,057)
Amounts reclassified from AOCI, net of tax		<u> </u>		570		5,716				6,286
Total OCI		(3,296)		689		3,819		17		1,229
OCI attributable to noncontrolling interests		1,066		_		_		_		1,066
OCI attributable to Harsco Corporation		(2,230)		689		3,819		17		2,295
Balance at March 31, 2021	\$	(127,622)	\$	(5,151)	\$	(510,681)	\$	8	\$	(643,446)

⁽a) Principally foreign currency fluctuation.(b) Net change from periodic revaluations.

Amounts reclassified from AOCI were as follows:

	Three Months Ended				
(In thousands)	March 31 2021 2020			2020	Location on the Condensed Consolidated Statements of Operations
Recognition of cumulative foreign currency translation adjustments:					
Loss on substantial liquidation of subsidiaries (c)	\$	_	\$	12,906	Gain on sale of discontinued businesses
Amortization of cash flow hedging instruments:					
Foreign currency exchange forward contracts	\$	(50)	\$	(1,404)	Product revenues
CCIRs		_		305	Interest expense
Interest rate swaps		865		378	Interest expense
Total before taxes		815		(721)	
Income taxes		(245)		76	
Total reclassification of cash flow hedging instruments, net of tax	\$	570	\$	(645)	
Amortization of defined benefit pension items (d):					
Actuarial losses	\$	5,948	\$	5,080	Defined benefit pension income
Prior service costs		127		107	Defined benefit pension income
Pension liability transfer - discontinued business		_		5,363	Gain on sale of discontinued businesses
Total before taxes		6,075		10,550	
Income taxes		(359)		(1,710)	
Total reclassification of defined benefit pension items, net of tax	\$	5,716	\$	8,840	

⁽c) No tax impact.(d) These AOCI components are included in the computation of net periodic pension costs. See Note 10, Employee Benefit Plans, for additional details.

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

The following discussion should be read in conjunction with the accompanying unaudited condensed consolidated financial statements as well as the audited consolidated financial statements of the Company, including the notes thereto, included in the Company's Annual Report on Form 10-K for the year ended December 31, 2020 which includes additional information about the Company's critical accounting policies, contractual obligations, practices and the transactions that support the financial results, and provides a more comprehensive summary of the Company's outlook, trends and strategies for 2021 and beyond.

Certain amounts included in Item 2 of this Quarterly Report on Form 10-Q are rounded in millions and all percentages are calculated based on actual amounts. As a result, minor differences may exist due to rounding.

Forward-Looking Statements

The nature of the Company's business, together with the number of countries in which it operates, subject it to changing economic, competitive, regulatory and technological conditions, risks and uncertainties. In accordance with the "safe harbor" provisions of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, the Company provides the following cautionary remarks regarding important factors that, among others, could cause future results to differ materially from the results contemplated by forward-looking statements, including the expectations and assumptions expressed or implied herein. Forward-looking statements contained herein could include, among other things, statements about management's confidence in and strategies for performance; expectations for new and existing products, technologies and opportunities and expectations regarding growth, sales, cash flows, and earnings. Forward-looking statements can be identified by the use of such terms as "may," "could," "expect," "anticipate," "intend," "believe," "likely," "estimate," "plan" or other comparable terms.

Factors that could cause actual results to differ, perhaps materially, from those implied by forward-looking statements include, but are not limited to: (1) changes in the worldwide business environment in which the Company operates, including changes in general economic conditions or changes due to COVID-19 and governmental and market reactions to COVID-19; (2) changes in currency exchange rates, interest rates, commodity and fuel costs and capital costs; (3) changes in the performance of equity and bond markets that could affect, among other things, the valuation of the assets in the Company's pension plans and the accounting for pension assets, liabilities and expenses; (4) changes in governmental laws and regulations, including environmental, occupational health and safety, tax and import tariff standards and amounts; (5) market and competitive changes, including pricing pressures, market demand and acceptance for new products, services and technologies; (6) the Company's inability or failure to protect its intellectual property rights from infringement in one or more of the many countries in which the Company operates; (7) failure to effectively prevent, detect or recover from breaches in the Company's cybersecurity infrastructure; (8) unforeseen business disruptions in one or more of the many countries in which the Company operates due to political instability, civil disobedience, armed hostilities, public health issues or other calamities; (9) disruptions associated with labor disputes and increased operating costs associated with union organization; (10) the seasonal nature of the Company's business; (11) the Company's ability to successfully enter into new contracts and complete new acquisitions or strategic ventures in the time-frame contemplated, or at all; (12) the integration of the Company's strategic acquisitions; (13) potential severe volatility in the capital markets; (14) failure to retain key management and employees; (15) the outcome of any disputes with customers, contractors and subcontractors; (16) the financial condition of the Company's customers, including the ability of customers (especially those that may be highly leveraged, have inadequate liquidity or whose business is significantly impacted by COVID-19) to maintain their credit availability; (17) implementation of environmental remediation matters; (18) risk and uncertainty associated with intangible assets and (19) other risk factors listed from time to time in the Company's SEC reports. A further discussion of these, along with other potential risk factors, can be found in Part I, Item 1A, "Risk Factors," of the Company's Annual Report on Form 10-K for the year ended December 31, 2020, and Part II, Item 1A, Risk Factors herein. The Company cautions that these factors may not be exhaustive and that many of these factors are beyond the Company's ability to control or predict. Accordingly, forward-looking statements should not be relied upon as a prediction of actual results. The Company undertakes no duty to update forward-looking statements except as may be required by law.

Executive Overview

The Company is a market-leading, global provider of environmental solutions for industrial, retail and medical waste streams, and innovative equipment and technology for the rail sector. The Company's operations consist of three reportable segments: Harsco Environmental, Harsco Clean Earth and Harsco Rail. The Company is working towards transforming Harsco into a single-thesis environmental solutions company that is a global leader in the markets the Company serves. The Harsco Environmental Segment operates primarily under long-term contracts, providing critical environmental services and material processing to the global steel and metals industries, including zero waste solutions for manufacturing byproducts within the metals industry. The Harsco Clean Earth Segment provides waste management services including transportation, specialty waste processing, recycling and beneficial reuse solutions for hazardous waste, contaminated materials and dredged volumes. The Harsco Rail Segment is a provider of highly engineered maintenance equipment, aftermarket parts and safety and diagnostic systems which support railroad and transit customers worldwide. The Company has locations in approximately 30 countries, including the U.S. The Company was incorporated in 1956.

On March 10, 2021, the Company amended its Senior Secured Credit Facilities to, among other things, extend the maturity date of the Revolving Credit Facility to March 10, 2026, and to increase certain levels set forth in the total net leverage ratio covenant. In addition, the Company issued New Term Loans, using the proceeds to repay in full the outstanding Term Loan A and Term Loan B. The New Term Loans mature on March 10, 2028, or earlier, on the date that is 91 days prior to the maturity date of the Company's 5.75% Senior Notes due 2027 if such Senior Notes are outstanding or have not been refinanced at such time. See Note 9, Debt, in Part I, Item 1, "Financial Statements," for additional details.

Beginning in March 2020 overall global economic conditions were significantly impacted by COVID-19. The Company has operated as a provider of certain essential services since the onset of the pandemic, and it has taken actions to protect all stakeholders and to minimize the operational and financial impacts of COVID-19 during this period. Looking forward the duration and impact of COVID-19 on the Company is unclear, however business conditions have steadily improved since the second quarter of 2020 and the Company anticipates that business fundamentals will strengthen further in 2021. Please refer to the below discussion of business outlook and Part II, Item 1A, "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended December 31, 2020 for additional information related to the potential impacts of COVID-19 on the Company.

Highlights from the first quarter of 2021 include (refer to the discussion of segment and consolidated results included within Results of Operations below, as well as Liquidity and Capital Resources, for additional information pertaining to the key drivers impacting these highlights):

- Revenues for the first quarter of 2021 increased approximately 33% compared with the first quarter of 2020. The primary drivers for these increases were the acquisition of ESOL and increased services demand in the Harsco Environmental Segment as well as the impact of foreign currency translation.
- Operating income from continuing operations for the first quarter of 2021 increased \$21.9 million compared with the first quarter of 2020. The primary drivers for these increases were increased services demand and higher contributions from applied products in the Harsco Environmental Segment, the acquisition of ESOL, acquisition and integration costs of approximately \$14 million, primarily related to the ESOL acquisition, which were incurred during the first quarter of 2020, and employee termination benefit costs of approximately \$5 million in the Harsco Environmental Segment which were incurred in the first quarter of 2020.
- Diluted earnings per common share from continuing operations attributable to Harsco Corporation for the first quarter of 2021 was \$0.02, an increase compared with the diluted loss per common share from continuing operations of \$0.11 during first quarter of 2020. In addition to the factors noted above for revenue and operating income from continuing operations, the primary drivers of this increase noted above were partially offset by increased interest expense due to higher debt levels, debt-related transaction expenses and the effect of income taxes.
- Cash flows used by operating activities for the first quarter of 2021 were \$23.2 million, a decrease of \$11.6 million compared with the Cash flows used by operating activities for the first quarter of 2020. The primary driver for this decrease was an unfavorable change in working capital, principally due to lower customer advances in the Harsco Rail Segment, partially offset by higher cash net income.
- Capital expenditures for purchases of property, plant and equipment for the first quarter 2021 were \$27.4 million, a decrease of \$0.5 million or 1.8% compared with the first quarter of 2020.

The Company maintains a positive outlook across all businesses supported by favorable underlying growth characteristics in its businesses and investments by the Company to further supplement growth. Financial results, however, continue to be impacted by the global COVID-19 pandemic that began in 2020. This business pressure was most significant during the second and third quarters of 2020 and the scale and pace of the recovery varies by end market. With that said, economic conditions in the

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Company's businesses have improved meaningfully since mid-2020 and the Company expects financial performance to improve further during 2021 as a result

The Company's view for the remainder of 2021 and beyond is supported by the following factors, which should be considered in the context of other risks, trends and strategies in the Company's Annual Report on Form 10-K for the year ended December 31, 2020 together with those described at the beginning of this section:

- The Harsco Environmental Segment operates throughout the world to support critical metal production. In 2021, financial performance of this segment is expected to strengthen versus 2020 as a result of improved demand for environmental services and applied products as well as increased commodity prices and positive contributions from new contracts or growth investments. Over the longer-term the Company expects that the Harsco Environmental Segment's return to growth will be driven by investments, innovation and economic growth that supports higher global steel consumption.
- The Harsco Clean Earth Segment locations operate throughout the U.S. as an essential services provider, by performing critical environmental services. The segment's hazardous waste line of business is economically resilient as proven by its recovery from the pandemic, while its contaminated materials business has lagged in its recovery due to constraints on non-residential construction activity in certain geographies and governmental constraints on project spending. With that said, financial results for Clean Earth are expected to improve in 2021 as a result of organic growth within its hazardous waste processing business and the inclusion of ESOL for an additional quarter as well as the improvement benefits anticipated from the integration of ESOL. Beyond 2021, the Company expects this segment to benefit from further growth opportunities, positive underlying market trends and operational synergy opportunities as well as from the less cyclical and recurring nature of this business. These dynamics are expected to provide favorable returns on the Company's investments over time.
- The Harsco Rail Segment continues to fulfill orders critical to global transportation, supported by recent actions to strengthen and increase its manufacturing capabilities and capacity. These operational investments are expected to enable the business to deliver on its backlog in the coming years. Through 2020, the Harsco Rail Segment was impacted by a decrease in certain short-cycle sales as a result of COVID-19. These pressures however appear to be easing, and the Company now expects that increased global demand for rail maintenance equipment and technology products as well as increased contract services demand will support improved financial performance in 2021 compared with the prior year. More broadly, the Harsco Rail Segment is supported by a record backlog and the longer-term outlook for this business remains strong, supported by future infrastructure investments, economic development in emerging economies, rail electrification in certain geographies, safety awareness and automation.
- Additionally, the Company undertook significant actions to reduce corporate costs and capital spending in 2020 as a result of the pandemic. A
 portion of these costs that were reduced in 2020 will return in the current year. However the Company's disciplined approach to overall costs and
 free cash flow remains in place.
- Interest expense for 2021 is expected to increase due to higher average debt balances following the purchase of ESOL.
- Net periodic pension income will increase by approximately \$8 million during 2021 which will primarily be reflected in the caption Defined benefit pension (income) expense on the Consolidated Statement of Operations. The increase is primarily the result of higher plan asset values at December 31, 2020.
- The long-lived assets of the Altek Group within the Harsco Environmental Segment primarily consist of intangible assets which have a carrying value of \$42.7 million at March 31, 2021. The Company tested the recoverability of Altek's long-lived asset group in the fourth quarter of 2020, and no impairment was recorded. The Company has not identified any triggering events for the Altek asset group in the first quarter of 2021. However, if actual results prove inconsistent with the Company's assumptions and judgments of the projected cash flows, it could result in impairment of the Altek intangible assets in future periods.
- The Company is currently manufacturing seven multipurpose Stoneblower machines for the U.K.-based customer Network Rail under a long-term contract. Delivery of these machines have been delayed due to several factors, including customer expectations and requirements and COVID-19, and the Company's estimated delivery schedule would trigger liquidated damages. However, based on the nature of these delays and negotiations with the customer, the Company expects that it will get relief from the customer for most of these liquidated damages, and as such the Company's current estimate of contract revenues has not been reduced. However, if the Company is not granted relief, any adjustment to the estimate of these liquidated damages in the future could have a material impact on the Company's results of operations in that period.

Results of Operations

Segment Results

	Three Mo Mai	nths End ch 31		
(In millions, except percentages)	2021		2020	
Revenues:				
Harsco Environmental	\$ 258.0	\$	241.6	
Harsco Clean Earth	189.3		78.8	
Harsco Rail	81.6		78.5	
Total Revenues	\$ 528.9	\$	398.8	
Operating Income (Loss):				
Harsco Environmental	\$ 25.9	\$	10.5	
Harsco Clean Earth	3.2		4.2	
Harsco Rail	4.7		6.5	
Corporate	(9.0)		(18.4)	
Total Operating Income	\$ 24.8	\$	2.9	
Operating Margins:				
Harsco Environmental	10.1 %		4.4 %	
Harsco Clean Earth	1.7 %		5.4 %	
Harsco Rail	5.7 %		8.2 %	
Consolidated Operating Margin	4.7 %		0.7 %	

Harsco Environmental Segment:

	March 3	31, 2021
Significant Effects on Revenues (In millions)	Three Mon	ıths Ended
Revenues — 2020	\$	241.6
Net effects of price/volume changes, primarily attributable to volume changes		11.0
Impact of foreign currency translation		7.2
Net impact of new and lost contracts		(1.3)
Other		(0.5)
Revenues — 2021	\$	258.0

Factors Positively Affecting Operating Income:

- · Operating income was positively affected by improved overall steel production by customers under environmental services contracts.
- Operating results for the first quarter of 2020 were negatively impacted by \$5.2 million of employee termination benefit costs.
- Operating income was positively affected by higher contributions from applied products during the first quarter of 2021 compared with the same period in the prior year.
- Lower selling, general and administrative expenses improved operating income by \$2.1 million during the first quarter of 2021 compared to the same period in the prior year.
- Realization of Brazil sales and use tax credits of \$1.8 million for the first quarter of 2021 as well as higher asset gains in the first quarter of 2021.

Factors Negatively Impacting Operating Income:

- Impact of exited contracts occurring during the first quarter of 2021.
- Foreign currency translation did not significantly impact operating income in the first quarter of 2021.

Harsco Clean Earth Segment:

The Company acquired ESOL on April 6, 2020 and the operating results are reflected in the Harsco Clean Earth Segment.

Significant Effects on Revenues (In millions)

organization directs on revenues (in minions)	
Revenues—2020	\$ 78.8
Impact of ESOL acquisition (a)	134.2
Net effects of price/volume changes, primarily attributable to volume changes	(23.6)
Other	(0.1)
Revenues—2021	\$ 189.3

(a) Reflects net revenue of ESOL for the three months ended March 31, 2021.

Operating Income for the first quarter of 2021 and the first quarter of 2020 was \$3.2 million and \$4.2 million, respectively, which included \$6.1 million and \$3.9 million of intangible asset amortization expense, respectively. The following factors contributed to the changes in operating income in first quarter of 2021.

Factors Positively Affecting Operating Income:

• The ESOL acquisition contributed \$7.0 million to operating income during the first quarter of 2021.

Factors Negatively Impacting Operating Income:

- Decrease in contaminated material and dredging volume due principally to the impacts of COVID-19.
- Increases in selling, general and administrative expenses of \$2.3 million primarily to support the expanded business.

Harsco Rail Segment:

	March	March 31, 2021	
Significant Effects on Revenues (In millions)	Three M	onths Ended	
Revenues — 2020	\$	78.5	
Impact of foreign currency translation		2.0	
Net effect of price/volume changes, primarily attributable to volume changes		1.1	
Revenues — 2021	\$	81.6	

Factors Positively Affecting Operating Income:

- · A favorable mix of equipment sales increased operating income during the first quarter of 2021.
- · Increased railway contracting services increased operating income during the first quarter of 2021 compared with the same period in the prior year.

Factors Negatively Impacting Operating Income:

• The unfavorable mix and decrease in after-market parts sales decreased operating income during the first quarter of 2021 compared with the same period in the prior year as a result of lower end market demand.

Corporate Costs:

In addition to the factors highlighted above that positively affected or negatively impacted segment operating income, the Company's Corporate function was positively impacted by the reduction of acquisition related and integration costs of approximately \$14 million during the first quarter of 2021, as compared to the first quarter of 2020, primarily related to the acquisition of ESOL. This was partially offset by increased insurance costs.

Consolidated Results

	March 31		
	Three Months Ended		
(In millions, except per share amounts)	_	2021	2020
Total revenues	\$	528.9	\$ 398.8
Cost of services and products sold		421.1	316.5
Selling, general and administrative expenses		83.0	72.5
Research and development expenses		0.8	1.3
Other (income) expenses, net		(0.9)	5.7
Operating income from continuing operations		24.8	2.9
Interest income		0.6	0.2
Interest expense		(16.9)	(12.6)
Unused debt commitment fees, amendment fees and loss on extinguishment of debt		(5.3)	(0.5)
Defined benefit pension income		4.0	1.6
Income tax benefit (expense) from continuing operations		(4.2)	0.7
Equity income (loss) of unconsolidated entities, net		(0.1)	0.1
Income (loss) from continuing operations		2.9	(7.7)
Gain on sale of discontinued business		_	18.5
Loss from discontinued businesses		(1.8)	(0.2)
Income tax expense (benefit) related to discontinued operations		0.5	(9.3)
Income (loss) from discontinued operations, net of tax		(1.3)	8.9
Net income		1.6	1.2
Total other comprehensive income (loss)		1.2	(30.0)
Total comprehensive income (loss)		2.8	(28.8)
Diluted earnings (loss) per common share from continuing operations attributable to Harsco Corporation			
common stockholders		0.02	(0.11)
Effective income tax rate for continuing operations		58.4 %	8.0 %

Comparative Analysis of Consolidated Results

Revenues

Revenues for the first quarter of 2021 increased \$130.0 million or 32.6% from the first quarter of 2020. Foreign currency translation increased revenues by \$9.3 million for the first quarter of 2021 compared with the same period in the prior year. Refer to the discussion of segment results above for information pertaining to factors positively affecting and negatively impacting revenues.

Cost of Services and Products Sold

Cost of services and products sold for the first quarter of 2021 increased \$104.6 million or 33.1% from the first quarter of 2020. The changes in cost of services and products sold were attributable to the following significant items:

	Marc	ch 31, 2021
(In millions)	Three N	Months Ended
Impact of ESOL acquisition	\$	104.0
Change in costs due to changes in revenues (exclusive of the ESOL acquisition and effects of foreign currency translation and including fluctuations in commodity costs included in selling prices)		(11.0)
Impact of foreign currency translation		9.1
Other		2.5
Total change in cost of services and products sold — 2021 vs. 2020	\$	104.6

Selling, General and Administrative Expenses

Selling, general and administrative expenses for the first quarter of 2021 increased \$10.5 million or 14.5% from the first quarter of 2020. This increase primarily relates to the inclusion of selling, general and administrative expenses associated with the ESOL business partially offset by acquisition related and integration costs incurred during the first quarter of 2020 related to the acquisition of ESOL.

Other (Income) Expenses, Net

The major components of this Condensed Consolidated Statements of Operations caption are as follows:

I nree Months Ended			
March 31			
2021 2020			2020
\$	589	\$	5,455
	238		176
	22		69
	(1,693)		(19)
	(68)		52
\$	(912)	\$	5,733
	\$ \$	\$ 589 238 22 (1,693) (68)	March 31 2021 \$ 589 \$ 238 22 (1,693) (68)

Interest Expense

Interest expense during the first quarter of 2021 increased by \$4.2 million compared with the first quarter of 2020. This increase primarily relates to higher outstanding borrowings and weighted average interest rates as a result of the ESOL acquisition.

Unused Debt Commitment Fees, Amendment Fees and Loss on Extinguishment of Debt

During the first quarter of 2021 the Company recognized \$5.3 million of fees and other costs primarily related to the amended Senior Secured Credit Facilities.

During the first quarter of 2020 the Company recognized \$0.5 million of fees and other costs primarily related to the amendment of the Senior Secured Credit Facilities.

Defined Benefit Pension Income

Defined benefit pension income for the first quarter of 2021 was \$4.0 million, compared with defined benefit pension income of \$1.6 million for the first quarter of 2020. This change is primarily the result of higher plan asset values at December 31, 2020.

Income Tax Expense (Benefit)

Income tax expense from continuing operations for the first quarter of 2021 was \$4.2 million compared with an income tax benefit from continuing operations for the first quarter of 2020 of \$0.7 million. This change primarily resulted from higher taxable income due to an improvement in operations and acquisition and integration expenses in 2020 not recurring in 2021, partially offset by debt refinancing expenses in 2021.

Income (Loss) from Continuing Operations

Income from continuing operations was \$2.9 million for the first quarter of 2021 compared with Loss from continuing operations of \$7.7 million for the first quarter of 2020. The primary drivers for these decreases are noted above.

Gain on Sale of Discontinued Business

In January 2020 the Company sold IKG and recognized a gain on sale of \$18.5 million pre-tax (or approximately \$9 million after-tax).

Loss from Discontinued Operations

The operating results of the former Harsco Industrial Segment and costs directly attributable to these operations, have been reflected as discontinued operations in the Company's Condensed Consolidated Statement of Operations for all periods presented. In addition, this caption includes costs directly attributable to retained contingent liabilities of the Harsco Industrial Segment. See Note 3, Acquisitions and Dispositions, in Part I, Item 1, Financial Statements.

Total Other Comprehensive Income (Loss)

Total other comprehensive income was \$1.2 million in the first quarter of 2021 compared with Total other comprehensive loss of \$30.0 million in the first quarter of 2020. The primary driver of the increase is due to the weakening of the U.S. dollar against certain currencies inclusive of the impact of foreign currency translation of cumulative unrecognized actuarial losses on the Company's pension obligations in the first quarter of 2021, whereas there was a strengthening of the U.S. dollar against certain currencies in the first quarter of 2020.

Liquidity and Capital Resources

Cash Flow Summary

The Company currently expects to have sufficient financial liquidity and borrowing capacity to support the strategies within each of its businesses. The Company currently expects operational and business needs to be met by cash provided by operations supplemented with borrowings from time to time, principally under the Senior Secured Credit Facilities, due to historical patterns of seasonal cash flow, the funding of various projects and the impact of COVID-19. The Company regularly assesses capital needs in the context of operational trends and strategic initiatives.

The Company's cash flows from operating, investing and financing activities, as reflected on the Condensed Consolidated Statements of Cash Flows, are summarized in the following table:

	Three Months Ended		nded	
	March 31			
(In millions)	2021 2020		2020	
Net cash provided (used) by:				
Operating activities	\$	(23.2)	\$	(11.5)
Investing activities		(25.0)		18.6
Financing activities		51.5		12.8
Effect of exchange rate changes on cash and cash equivalents, including restricted cash		(0.7)		(10.8)
Net change in cash and cash equivalents, including restricted cash	\$	2.7	\$	9.1

Net cash used by operating activities — Net cash used by operating activities in the first three months of 2021 was \$23.2 million, a decrease of \$11.6 million from the first three months of 2020. The primary driver for this decrease was an unfavorable change in working capital, principally due to lower customer advances in the Harsco Rail Segment, partially offset by higher cash net income.

Net cash provided (used) by investing activities — Net cash used by investing activities in the first three months of 2021 was \$25.0 million, a decrease of \$43.6 million from the cash provided in the first three months of 2020. The decrease reflected proceeds from the sale of the IKG business not replicated in 2021 along with a decrease in net proceeds from the settlement of foreign currency forward contracts.

Net cash provided by financing activities — Net cash provided by financing activities in the first three months of 2021 was \$51.5 million, an increase of \$38.7 million from the first three months of 2020. The increase was primarily due to higher net cash borrowings of \$60.9 million in the first three months of 2021 resulting primarily from the changes in operating and investing activities.

Effect of exchange rate changes on cash and cash equivalents, including restricted cash — The increase is due to the impact of the significant strengthening of the U.S. dollar against certain currencies that occurred during the first three months of 2020 compared to less significant movement during the first three months of 2021 on the global cash balances held by the Company in these currencies, including balances held in the Company's multicurrency cash pool.

Sources and Uses of Cash

The Company's principal sources of liquidity are cash provided by operations and borrowings under the Senior Secured Credit Facilities, augmented by cash proceeds from asset sales. In addition, the Company has other bank credit facilities available throughout the world. The Company expects to continue to utilize all of these sources to meet future cash requirements for operations and growth initiatives.

Summary of Senior Secured Credit Facilities and Notes: (In millions)	March 31 2021	December 31 2020
By type:		
New Term Loan	\$ 500.0	\$ _
Term Loan A	_	280.0
Term Loan B	_	218.2
Revolving Credit Facility	339.0	281.0
5.75% Notes	500.0	500.0
Total	\$ 1,339.0	\$ 1,279.2
By classification:		
Current	\$ 3.8	\$ 10.5
Long-term	1,335.2	1,268.7
Total	\$ 1,339.0	\$ 1,279.2

	March 31, 2021							
(In millions)	Fa	Outstanding Facility Limit Balance		Outstanding Letters of Credit		Available Credit		
Revolving credit facility (a U.Sbased program)	\$	700.0	\$	339.0	\$	25.4	\$	335.6

Debt Covenants

The Senior Secured Credit Facilities contain a consolidated net debt to consolidated adjusted EBITDA ratio covenant, which is not to exceed 5.75 through December 31, 2021 and then decreasing quarterly until reaching 4.0 on March 31, 2023, and a minimum consolidated adjusted EBITDA to consolidated interest charges ratio covenant, which is not to be less than 3.0. At March 31, 2021 the Company was in compliance with these covenants, as the total net debt to adjusted EBITDA ratio (as defined in the Credit Agreement) was 4.8 and total interest coverage ratio was 4.2. Based on balances and covenants in effect at March 31, 2021 the Company could increase net debt by \$241.1 million and remain in compliance with these debt covenants. Alternatively, adjusted EBITDA could decrease by \$41.9 million, and the Company would remain in compliance with these covenants. The Company has estimated the impact of COVID-19 on its financial position, results of operations and cash flows, and believes it will continue to maintain compliance with these covenants. However, due to the inherent uncertainty of COVID-19 on the Company's businesses, the Company's estimates of compliance with these covenants could change in the future.

Cash Management

The Company has various cash management systems throughout the world that centralize cash in various bank accounts where it is economically justifiable and legally permissible to do so. These centralized cash balances are then redeployed to other operations to reduce short-term borrowings and to finance working capital needs or capital expenditures. Due to the transitory nature of cash balances, they are normally invested in bank deposits that can be withdrawn at will or in very liquid short-term bank time deposits and government obligations. The Company's policy is to use the largest banks in the various countries in which the Company operates. The Company monitors the creditworthiness of banks and, when appropriate, will adjust banking operations to reduce or eliminate exposure to less creditworthy banks.

At March 31, 2021 the Company's consolidated cash and cash equivalents included \$77.0 million held by non-U.S. subsidiaries. At March 31, 2021 approximately 4.2% of the Company's consolidated cash and cash equivalents had regulatory restrictions that would preclude the transfer of funds with and among subsidiaries. Non-U.S. subsidiaries also held \$22.3 million of cash and cash equivalents in consolidated strategic ventures. The strategic venture agreements may require strategic venture partner approval to transfer funds with and among subsidiaries. While the Company's remaining non-U.S. cash and cash equivalents can be transferred with and among subsidiaries, the majority of these non-U.S. cash balances will be used to support the ongoing working capital needs and continued growth of the Company's non-U.S. operations.

Recently Adopted and Recently Issued Accounting Standards

Information on recently adopted and recently issued accounting standards is included in Note 2, Recently Adopted and Recently Issued Accounting Standards, in Part I, Item 1, Financial Statements.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market risks have not changed significantly from those disclosed in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2020.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of Disclosure Controls and Procedures

As of March 31, 2021, an evaluation was performed, under the supervision and with the participation of the Company's management, including the Company's Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of the Company's disclosure controls and procedures pursuant to Rule 13a-15 under the Securities and Exchange Act of 1934, as amended. Based upon that evaluation, and subject to the exclusion below related to ESOL, such officers concluded that the Company's disclosure controls and procedures are effective to ensure that information required to be disclosed by the Company in the reports it files or submits under the Securities and Exchange Act of 1934, as amended (1) is recorded, processed, summarized, and reported within the time periods specified in the Securities and Exchange Commission's rules and forms and (2) is accumulated and communicated to the Company's management, including the Chief Executive Officer and Chief Financial Officer, as appropriate to allow for timely decisions regarding required disclosure.

In accordance with interpretive guidance issued by SEC staff, companies are allowed to exclude acquired businesses from the assessment of internal control over financial reporting during the first year after completion of an acquisition and from the assessment of disclosure controls and procedures to the extent subsumed in such internal control over financial reporting (the "Internal Controls Guidance"). In accordance with the Internal Controls Guidance, as the Company acquired ESOL on April 6, 2020, management's evaluation and conclusion as to the effectiveness of the Company's disclosure controls and procedures as of March 31, 2021 excluded the portion of disclosure controls and procedures that are subsumed by internal control over financial reporting of ESOL. ESOL's assets represented approximately 9% of the Company's consolidated total assets, excluding the effects of purchase accounting, and its revenues represented approximately 25% of the Company's consolidated total revenues, as of and for the quarter ended March 31, 2021.

Material Weakness in the Excluded Acquired Business

On April 6, 2020 the Company acquired ESOL from Stericycle, Inc. As a result, the Company is currently integrating ESOL's operations into its overall system of internal control over financial reporting. Under the guidelines established by the SEC, companies are permitted to exclude acquisitions from their assessment of internal control over financial reporting during the year of acquisition. The Company expects to include ESOL in the assessment of internal control over financial reporting as of December 31, 2021.

Prior to the acquisition of ESOL, Stericycle, Inc. had identified two material weaknesses related to ESOL's internal control over financial reporting. A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement in annual or interim financial statements will not be prevented or detected on a timely basis. The first material weakness relates to not fully implementing and monitoring general information technology controls in the areas of user access and program change management for systems supporting Stericycle Inc.'s internal control process, including ESOL. The second material weakness relates to not fully designing, implementing and monitoring controls relevant to revenue and cost of disposal processes, including certain general information technology controls. While the Company has undertaken additional compensating processes and controls, the Company is not yet in a position to conclude that the material weaknesses have been remediated as of March 31, 2021. As a result, there is a risk that a material error may not be detected by the Company's internal control structure that could result in a material misstatement to ESOL's reported financial results, which are consolidated with the Company's results. The Company's management is in the process of remediating these material weaknesses.

Changes in Internal Control Over Financial Reporting

Other than the foregoing, there were no changes in the Company's internal control over financial reporting during the Company's most recent fiscal quarter that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II — OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

Information on legal proceedings is included in Note 12, Commitments and Contingencies, in Part I, Item 1, Financial Statements.

ITEM 1A. RISK FACTORS

The Company's risk factors as of March 31, 2021 have not changed materially from those described in Part 1, Item 1A, "Risk Factors" of the Company's Annual Report on Form 10-K for the year ended December 31, 2020.

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

On May 2, 2018 the Company announced that the Board of Directors adopted a share repurchase program, authorizing the Company to repurchase up to \$75,000,000 of outstanding shares of the Company's common stock through April 24, 2021. The Company did not purchase any shares of common stock under this program during the quarter ended March 31, 2021 or through April 24, 2021.

ITEM 6. EXHIBITS

The following exhibits are included as part of this report by reference:

Exhibit Number	Description
10.1	Amendment No. 7 to Third Amended and Restated Credit Agreement, dated March 10, 2021, among Harsco Corporation, the subsidiaries of the Company party thereto, Citibank N.A., as administrative agent and collateral agent, and the lenders party thereto (incorporated by reference to the Company's Current Report on Form 8-K dated March 10, 2021).
10.2	Form of RSU Award Agreement (for awards granted on or after March 10, 2020) (incorporated by reference to the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2020).
10.3	Form of PSU Award Agreement (for awards granted on or after March 10, 2020) (incorporated by reference to the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2020).
10.4	Form of SAR Award Agreement (for awards granted on or after March 10, 2020) (incorporated by reference to the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2020).
31.1	Certification Pursuant to Rule 13a-14(a) or 15d-14(a), as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Chairman, President and Chief Executive Officer).
31.2	Certification Pursuant to Rule 13a-14(a) or 15d-14(a), as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (Chief Financial Officer).
32	Certifications Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (Chairman, President and Chief Executive Officer and Chief Financial Officer).
101.Def	Definition Linkbase Document
101.Pre	Presentation Linkbase Document
101.Lab	Labels Linkbase Document
101.Cal	Calculation Linkbase Document
101.Sch	Schema Document
101.Ins	Instance Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.

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.

		HARSCO CORPORATION
		(Registrant)
DATE	May 4, 2021	/s/ PETER F. MINAN
		Peter F. Minan
		Senior Vice President and Chief Financial Officer
		(On behalf of the registrant and as Principal Financial Officer)
DATE	May 4, 2021	/s/ SAMUEL C. FENICE
		Samuel C. Fenice
		Vice President and Corporate Controller

(Principal Accounting Officer)

HARSCO CORPORATION CERTIFICATION PURSUANT TO RULE 13a-14(a) OR 15d-14(a) AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, F. Nicholas Grasberger, III, certify that:

- 1. I have reviewed this Quarterly Report on Form 10-Q of Harsco Corporation;
- 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.

May 4, 2021

/s/ F. NICHOLAS GRASBERGER III	
F. Nicholas Grasberger III	
Chairman, President and Chief Executive Officer	

HARSCO CORPORATION CERTIFICATION PURSUANT TO RULE 13a-14(a) OR 15d-14(a) AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Peter F. Minan, certify that:

- 1. I have reviewed this Quarterly Report on Form 10-Q of Harsco Corporation;
- 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.

May 4, 2021

/s/ PETER F. MINAN
Peter F. Minan

Senior Vice President and Chief Financial Officer

HARSCO CORPORATION CERTIFICATIONS PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Quarterly Report of Harsco Corporation (the "Company") on Form 10-Q for the period ending March 31, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), we certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to the best of our knowledge:

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

May 4, 2021

/s/ F. NICHOLAS GRASBERGER III

F. Nicholas Grasberger III

Chairman, President and Chief Executive Officer

/s/ PETER F. MINAN

Peter F. Minan

Senior Vice President and Chief Financial Officer

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