UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form 8-K

CURRENT REPORT

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

Date of report (Date of earliest event reported): July 28, 2010

Kirby Corporation

(Exact name of registrant as specified in its charter)

Nevada

(State or other jurisdiction of incorporation or organization)

1-7615 (Commission File Number)

74-1884980 (I.R.S. Employer Identification No.)

55 Waugh Drive, Suite 1000 Houston, Texas (Address of principal executive offices) 77007

(Zip Code)

Registrant's telephone number, including area code: (713) 435-1000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition

On July 28, 2010, Kirby Corporation ("Kirby") issued a press release announcing earnings for the three months and six months ended June 30, 2010. A copy of the press release is attached as Exhibit 99.1 to this report.

EBITDA, a non-GAAP financial measure, is used in the press release. Kirby defines EBITDA as net earnings attributable to Kirby before interest expense, taxes on income, depreciation and amortization. Kirby has historically evaluated its operating performance using numerous measures, one of which is EBITDA. EBITDA is presented because of its wide acceptance as a financial indicator. EBITDA is one of the performance measures used in Kirby's incentive bonus plan. EBITDA is also used by rating agencies in determining Kirby's credit rating and by analysts publishing research reports on Kirby, as well as by investors and investment bankers generally in valuing companies. A quantitative reconciliation of EBITDA to GAAP net earnings attributable to Kirby for the 201 0 and 2009 second quarters and first six months is included in the press release.

Item 8.01 Other Events

On July 28, 2010, Kirby announced in a press release that its Board of Directors had increased Kirby's authorization to repurchase its common stock by 2,000,000 shares. A copy of the press release is attached as Exhibit 99.1 to this report.

Item 9.01. Financial Statements and Exhibits

Exhibits:

- (C)
- 99.1 Press release dated July 28, 2010

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.

KIRBY CORPORATION (Registrant)

By:

/s/ David W. Grzebinski David W. Grzebinski Executive Vice President and Chief Financial Officer

Dated: July 29, 2010

Exhibit 99.1

713-435-1135

Contact: Steve Holcomb



KIRBY CORPORATION

FOR IMMEDIATE RELEASE

KIRBY CORPORATION ANNOUNCES 2010 SECOND QUARTER RESULTS

- 2010 second quarter earnings per share were \$.54 compared with \$.63 earned in the 2009 second quarter
- 2010 third quarter earnings per share guidance is \$.52 to \$.57 versus \$.65 earned in the 2009 third quarter
- 2010 year earnings per share guidance revised to \$2.03 to \$2.13 versus \$2.34 earned in 2009

Houston, Texas (July 28, 2010) – Kirby Corporation ("Kirby") (NYSE:KEX) today announced net earnings attributable to Kirby for the second quarter ended June 30, 2010 of \$29.3 million, or \$.54 per share, compared with \$33.7 million, or \$.63 per share, for the 2009 second quarter. Kirby's published 2010 second quarter guidance range was \$.52 to \$.57 per share. Consolidated revenues for the 2010 second quarter were \$273.7 million compared with \$272.7 million reported for the 2009 second quarter.

Joe Pyne, Kirby's Chairman, President and Chief Executive Officer, commented, "During the 2010 second quarter and first half, our marine transportation segment reflected higher demand and resulting higher equipment utilization than we had anticipated at the beginning of the year. While demand and utilization were above recessionary 2009 levels, a period where industry-wide term and spot contract pricing fell, they remained well below the demand and utilization levels achieved during 2007 and early 2008. This improvement in demand from 2009 levels is encouraging; however, there is still much uncertainty with respect to the U.S. economy and its impact on demand and utilization sustainability. This uncertainty and excess industry tank barge capacity continue to negatively affect the industry. 217; appetite to test higher rate levels. Business levels in our diesel engine services segment remained weak, particularly the Gulf Coast oil services market as customers continue to defer major maintenance projects."

Kirby reported net earnings attributable to Kirby for the 2010 first six months of \$53.9 million, or \$1.00 per share, compared with \$61.7 million, or \$1.15 per share, for the first half of 2009. Consolidated revenues for the 2010 first six months were \$541.9 million compared with \$550.4 million for the first six months of 2009.

Segment Results – Marine Transportation

Marine transportation revenues for the 2010 second quarter were \$230.3 million, a 6% increase compared with the 2009 second quarter, while operating income was \$49.7 million, a 7% decrease compared with the second quarter of 2009. Marine transportation revenues for the 2010 second quarter reflected a continuation of the first quarter improvement in tank barge demand. This improvement was driven primarily by modestly higher U.S. refinery and petrochemical output, leading to moderately higher demand and equipment utilization primarily in the petrochemical market. Diesel fuel prices for the 2010 second quarter increased 60% compared with the 2009 second quarter, thereby positively impacting marine transportation revenues. Offsetting the modestly higher 2010 second quarter and first half demand and equipment utilization levels was the negative impact of lower term contract and spot contract rates due to industry wide lower demand, excess tank barge capacity, and lower equipment utilization levels.

The marine transportation operating margin for the 2010 second quarter was 21.6% compared with 24.4% for the second quarter of 2009, a reflection of lower term contract and spot contract rates, and the impact of higher fuel pricing, partially offset by the cost reduction initiatives implemented during 2009 and the 2010 first quarter.

Segment Results – Diesel Engine Services

Diesel engine services revenues for the 2010 second quarter were \$43.4 million, a 21% decrease compared with the 2009 second quarter, and operating income was \$4.1 million, a 45% decrease compared with the second quarter of 2009. The revenue decrease reflected continued weak service and direct parts sales, and some pricing pressure across the majority of both the medium-speed and high-speed marine markets, particularly the Gulf Coast oil services market where customers continue to defer major maintenance projects. Medium-speed power generation revenue was also lower, the result of fewer engine-generator set upgrades and lower direct parts sales. Partially offsetting the weaknesses were required repair work for customers involved in the Gulf Coast oil spill cleanup effort and higher direct parts sales in the medium-speed railroad market. The decrease in operating income reflected the lower revenues, partially offset by cost reduction initiatives implemented during 2009. The staff of the diesel engine services segment has been reduced 23% since the peak headcount in October 2008.

The diesel engine services operating margin was 9.5% for the 2010 second quarter compared with 13.6% for the 2009 second quarter. The lower 2010 second quarter operating margin reflected the continued weak service and direct parts sales in the majority of markets served, resulting pricing pressure and lower labor utilization, partially offset by the positive impact of the 2009 cost reduction initiatives.

Cash Flow

Kirby continued to generate strong cash flow during the 2010 first six months, with EBITDA of \$139.3 million. The cash flow was used in part to fund capital expenditures of \$67.6 million, including \$34.7 million for new tank barge and towboat construction and \$32.9 million primarily for upgrades to the existing fleet. Total debt as of June 30, 2010 was \$200.2 million, consisting primarily of a \$200 million private placement loan that matures in 2013. Kirby's debt-to-capitalization ratio was 15.2%. Cash and cash equivalents at June 30, 2010 were \$140.8 million compared with \$97.8 million at December 31, 2009 and \$8.5 million at June 30, 2009.

Treasury Stock Purchases

During June and July 2010, Kirby purchased 171,000 shares of its common stock at an average price of \$39.30 per share under a stock trading plan entered into with a brokerage firm pursuant to Rule 10b5-1 under the Securities and Exchange Act of 1934, leaving 1,230,000 shares remaining under Kirby's previously existing repurchase authorization. The plan authorizes the broker to repurchase stock for Kirby during the normal quarterly trading blackouts preceding Kirby's earnings press releases for the second, third and fourth quarters of 2010. The number of shares that will be purchased pursuant to the plan will depend on market conditions. Purchases under the plan will be made in accordance with price, volume and other terms specified in the plan. Kirby's Board of Directors on July 27, 20 10 authorized the repurchase of an additional 2,000,000 shares of its common stock, bringing the total repurchase authorization to 3,230,000 shares.

Outlook

Commenting on the 2010 third quarter and full year market outlook and guidance, Mr. Pyne said, "Our earnings guidance for the 2010 third quarter is \$.52 to \$.57 per share, reflecting a 12% to 20% decrease compared with \$.65 per share reported for the 2009 third quarter. For the 2010 year, we are updating our earnings per share guidance to \$2.03 to \$2.13. Our \$2.03 low-end guidance assumes volumes will remain stable for the remainder of 2010 and term contract and spot contract pricing will remain relatively flat. Our \$2.13 high-end guidance assumes a modest improvement in volumes in the 2010 second half and a continued reduction in current industry wide excess tank barge capacity, leading to some modest improvement in term contract and spot contract pricing. Our guidance assumes our dies el engine services segment will continue to face challenges, particularly the Gulf Coast oil services market with the recently enacted moratorium on deep water offshore drilling. The Gulf Coast oil services market currently represents approximately 20% to 25% of our diesel engine services revenues. Our 2010 capital spending guidance range was increased to \$135 to \$145 million, including approximately \$70 million for the construction of 59 new tank barges, completion of the construction of three new towboats and prepayments on 2011 new tank barge construction."

Commenting on the financial condition of Kirby, Mr. Pyne stated, "Kirby remains in excellent financial condition with a strong balance sheet, including \$140.8 million of cash and cash equivalents as of June 30 which should continue to grow as the year progresses, only \$200 million of senior notes outstanding, an undrawn \$250 million revolving line of credit, and a debt-to-capitalization ratio of 15.2%. Our strong balance sheet and undrawn revolving line of credit give us the ability to take advantage of both synergistic acquisition opportunities and to repurchase our stock."

Conference Call

A conference call is scheduled at 10:00 a.m. central time tomorrow, Thursday, July 29 2010, to discuss the 2010 second quarter performance as well as the outlook for the 2010 third quarter and year. The conference call number is 800-446-1671 for domestic callers and 847-413-3362 for international callers. The leader's name is Steve Holcomb. The confirmation number is 27431182. An audio playback will be available at 1:00 p.m. central time on Thursday, July 29, through 5:00 p.m. central time on Friday, August 27, 2010 by dialing 888-843-8996 for domestic and 630-652-3044 for international callers. A live audio webcast of the conference call will be available to the public and a replay available after the call by visiting Kirby's website at http://www.kirbycorp.com/.

GAAP to Non-GAAP Financial Measures

The financial and other information to be discussed in the conference call is available in this press release and in a Form 8-K filed with the Securities and Exchange Commission. This press release and the Form 8-K include a non-GAAP financial measure, EBITDA, which Kirby defines as net earnings attributable to Kirby before interest expense, taxes on income, depreciation and amortization. A reconciliation of EBITDA with GAAP net earnings attributable to Kirby is included in this press release. This earnings press release includes marine transportation performance measures, consisting of ton miles, revenue per ton mile, towboats operated and delay days. Comparable performance measures for the 2009 and 2008 years and quarters are available at Kirby's web site, http://www.kirbycorp.com/, under the caption Performance Measurements in the Investor Relations section.

About Kirby Corporation

Kirby Corporation, based in Houston, Texas, operates inland tank barges and towing vessels, transporting petrochemicals, black oil products, refined petroleum products and agricultural chemicals throughout the United States inland waterway system. Kirby also owns and operates four ocean-going barge and tug units transporting dry-bulk commodities in United States coastwise trade. Through the diesel engine services segment, Kirby provides after-market service for medium-speed and high-speed diesel engines and reduction gears used in marine, power generation and railroad applications.

Statements contained in this press release with respect to the future are forward-looking statements. These statements reflect management's reasonable judgment with respect to future events. Forward-looking statements involve risks and uncertainties. Actual results could differ materially from those anticipated as a result of various factors, including cyclical or other downturns in demand, significant pricing competition, unanticipated additions to industry capacity, changes in the Jones Act or in U.S. maritime policy and practice, fuel costs, interest rates, weather conditions, and timing, magnitude and number of acquisitions made by Kirby. Forward-looking statements are based on currently available information and Kirby assumes no obligation to update any such statements. A list of additional risk factors can be found in Kirby's annual report on Form 10-K for the year ended December 31, 2009 filed with the Securities and Exchange Commission.

CONDENSED CONSOLIDATED STATEMENTS OF EARNINGS

-	Second Quarter					Six Months				
	-	2010		2009		2010		2009		
		(unaudite	d, \$ i	exce	pt per share a	mou	nts)			
Revenues:										
1	\$	230,256	\$	217,906	\$	449,818	\$	436,927		
Diesel engine services		43,413		54,837		92,104		113,477		
		273,669		272,743		541,922		550,404		
Costs and expenses:										
Costs of sales and operating expenses		168,927		160,710		333,879		329,804		
Selling, general and administrative		27,661		28,734		61,032		63,544		
Taxes, other than on income		3,576		3,193		7,079		6,278		
Depreciation and amortization		22,854		22,519		46,224		44,795		
Loss (gain) on disposition of assets		19		(120)		63		(364)		
		223,037		215,036	_	448,277		444,057		
Operating income		50,632		57,707		93,645		106,347		
Other income.		30		91		42		186		
Interest expense		(2,697)		(2,793)		(5,365)		(5,606)		
Earnings before taxes on income		47,965		55,005	-	88,322		100,927		
Provision for taxes on income		(18,322)		(21,020)		(33,768)		(38,478)		
Net earnings		29,643		33,985		54,554		62,449		
Less: Net earnings attributable to noncontrolling interests		(375)		(266)		(612)	_	(724)		
Net earnings attributable to Kirby	\$	29,268	\$	33,719	\$	53,942	\$	61,725		
				<u> </u>						
Net earnings per share attributable to Kirby common stockholders:										
	\$.54	\$.63	\$	1.00	\$	1.15		
	\$.54	\$.63	\$	1.00	\$	1.15		
Common stock outstanding (in thousands):										
Basic		53,568		53,185		53,488		53,149		
Diluted		53,713		53,273		53,621		53,270		

CONDENSED CONSOLIDATED FINANCIAL INFORMATION

	Second Quarter					Six M	onths																					
	2010		2010		2010		2009		2009		2009		2009		2009		2009		2009		200		0 2009			2010		2009
	(unaudited, \$ in				in th	ousands)																						
EBITDA: ⁽¹⁾																												
Net earnings attributable to Kirby	\$	29,268	\$	33,719	\$	53,942	\$	61,725																				
Interest expense		2,697		2,793		5,365		5,606																				
Provision for taxes on income		18,322		21,020		33,768		38,478																				
Depreciation and amortization		22,854		22,519		46,224		44,795																				
	\$	73,141	\$	80,051	\$	139,299	\$	150,604																				
Capital expenditures	\$	33,214	\$	51,763	\$	67,637	\$	116,608																				

		June 30,				
		2010		2009		
	_	(unaudited, \$ in thousa				
Cash and cash equivalents	\$	140,751	\$	8,478		
Long-term debt, including current portion	\$	200,190	\$	210,411		
Total equity	\$	1,112,614	\$	966,346		
Debt to capitalization ratio		15.2%	1	17.9%		

MARINE TRANSPORTATION STATEMENTS OF EARNINGS

-		Second	ter		Six M	lonths																																	
		2010		2010		2010		2010		2010		2010		2010		2010		2009		2009		2009		2009		2009		2009		2009		2009		2009		2010		2009	
			(unaudited, \$	in th	ousands)																																	
Marine transportation revenues	\$	230,256	\$	217,906	\$	449,818	\$	436,927																															
Costs and expenses:																																							
Costs of sales and operating expenses		136,840		122,152		266,654		248,017																															
Selling, general and administrative		19,252		18,959		41,734		42,424																															
Taxes, other than on income		3,307		2,713		6,516		5,504																															
Depreciation and amortization		21,203		20,945		42,951		41,627																															
		180,602		164,769		357,855		337,572																															
Operating income	\$	49,654	\$	53,137	\$	91,963	\$	99,355																															
Operating margins		21.6%		24.4%	,	20.4%		22.7%																															
Operating margins		21.0/0	,	24.470	, <u> </u>	20.470	,	22.7 /0																															

DIESEL ENGINE SERVICES STATEMENTS OF EARNINGS

		Second	er		6				
		2010		2009		2010		2009	
			(1	unaudited, \$	in tho	usands)			
Diesel engine services revenues	\$	43,413	\$	54,837	\$	92,104	\$	113,477	
Costs and expenses:									
Costs of sales and operating expenses		32,087		38,558		67,225		81,787	
Selling, general and administrative		5,885		7,293		13,044		16,256	
Taxes, other than income		258		470		550		753	
Depreciation and amortization		1,066		1,059		2,125		2,137	
		39,296		47,380	_	82,944		100,933	
Operating income	<u>\$</u>	4,117	\$	7,457	\$	9,160	\$	12,544	
					-				
Operating margins		9.5%)	13.6%	' <u> </u>	9.9%)	11.1%	

OTHER COSTS AND EXPENSES

		Second Quarter				Six Months				
		2010		2009		2010		2009		
			(u	naudited, \$	ousands)					
General corporate expenses	\$	3,120	\$	3,007	\$	7,415	\$	5,916		
Loss (gain) on disposition of assets	\$	19	\$	(120)	\$	63	\$	(364)		
6	6									

MARINE TRANSPORTATION PERFORMANCE MEASUREMENTS

	Second Quarter					Six Months				
		2010		2009		2010		2009		
Ton Miles (in millions) ⁽²⁾		3,336		2,995		6,394		5,775		
Revenue/Ton Mile (cents/tm) ⁽³⁾		6.7		7.0		6.8		7.3		
Towboats operated (average) ⁽⁴⁾		221		219		223		226		
Delay Days ⁽⁵⁾		1,446		1,141		3,268		2,705		
Average cost per gallon of fuel consumed	\$	2.29	\$	1.43	\$	2.22	\$	1.49		
Tank barges:										
Active						860		894		
Inactive						14		54		
Barrel capacities (in millions):										
Active						16.5		17.1		
Inactive						.2		1.0		

(1) Kirby has historically evaluated its operating performance using numerous measures, one of which is EBITDA, a non-GAAP financial measure. Kirby defines EBITDA as net earnings attributable to Kirby before interest expense, taxes on income, depreciation and amortization. EBITDA is presented because of its wide acceptance as a financial indicator. EBITDA is one of the performance measures used in Kirby's incentive bonus plan. EBITDA is also used by rating agencies in determining Kirby's credit rating and by analysts publishing research reports on Kirby, as well as by investors and investment bankers generally in valuing companies. EBITDA is not a calculation based on generally accepted accounting principles and should not be considered as an alternative to, but should only be considered in conjunction with, Kirby's GAAP financial information.

⁽²⁾ Ton miles indicate fleet productivity by measuring the distance (in miles) a loaded tank barge is moved. Example: A typical 30,000 barrel tank barge loaded with 3,300 tons of liquid cargo is moved 100 miles, thus generating 330,000 ton miles.

⁽³⁾ Inland marine transportation revenues divided by ton miles. Example: Second quarter 2010 inland marine transportation revenues of \$222,506,000 divided by 3,336,000,000 marine transportation ton miles = 6.7 cents.

⁽⁴⁾ Towboats operated are the average number of owned and chartered towboats operated during the period.

⁽⁵⁾ Delay days measures the lost time incurred by a tow (towboat and one or more tank barges) during transit. The measure includes transit delays caused by weather, lock congestion and other navigational factors.