

Market Overview

Indices Performance (% change)

	January 2021	LTM		January 2021	LTM
S&P 500	1.1%	27.7%	NASDAQ	1.4%	52.6%
Dow Jones Industrial Average	(2.0%)	18.0%	Russell 3000	(0.5%)	29.2%

Source: Federal Reserve; Bank of St. Louis

Environmental Services Market Overview

Environmental Services Movers and Losers (largest % changes in the month in January)

Sharps Compliance	39.9%	US Ecology	(9.2%)
Fuel Tech	29.6%	Casella Waste Systems	(7.6%)
Cypress Energy Partners	22.6%	Republic Services	(6.0%)
Quest Resource Holding	9.1%	Waste Management	(5.6%)
Covanta	7.8%	Stericycle	(5.6%)

Source: PitchBook

Publicly Traded Company Performance: Solid Waste

(\$ in millions, except per share data)

Company	Share Price 01/31/2021	% of 52 Wk High	Market Capitalization	Enterprise Value	Valuation Multiples			PE Multiples		LTM Operating Margins			Net Debt/EBITDA	
					TEV/Total Revenue	TEV/EBITDA	TEV/EBIT	LTM P/E	CY18 P/E	Gross	EBIT	EBITDA		
Waste Management	WM	\$111.32	87.8%	\$47,045	\$56,766	3.8x	14.4x	24.5x	31.4x	16.9x	39.0%	15.4%	26.3%	2.5x
Republic Services	RSG	\$90.52	87.2%	\$28,851	\$37,480	3.7x	15.6x	23.5x	28.4x	17.2x	40.0%	15.7%	23.7%	3.6x
Waste Connections	WCN	\$98.51	88.7%	\$25,898	\$29,921	5.5x	26.0x	73.4x	126.3x	26.9x	40.0%	7.5%	21.3%	3.5x
Casella Waste Systems	CWST	\$57.24	90.0%	\$2,903	\$3,497	4.6x	22.6x	60.3x	74.3x	30.3x	33.2%	7.5%	20.1%	3.8x
Mean				\$26,174	\$31,916	4.4x	19.6x	45.4x	65.1x	22.8x	38.0%	11.6%	22.8%	3.3x
Median				\$27,375	\$33,701	4.2x	19.1x	42.4x	52.9x	22.1x	39.5%	11.5%	22.5%	3.5x
High				\$47,045	\$56,766	5.5x	26.0x	73.4x	126.3x	30.3x	40.0%	15.7%	26.3%	3.8x
Low				\$2,903	\$3,497	3.7x	14.4x	23.5x	28.4x	16.9x	33.2%	7.5%	20.1%	2.5x

Source: PitchBook

Total Enterprise Value (TEV) = Market Capitalization + Preferred Equity + Debt + Minority Interest - Cash

LTM = Last Twelve Months

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Securities transactions conducted through TCC Securities LLC, an affiliated company, registered Broker / Dealer and Member of FINRA / SIPC.

Publicly Traded Company Performance: Special Waste

(\$ in millions, except per share data)

Company	Share Price 01/31/2021	% of 52 Wk High	Market Capitalization	Enterprise Value	Valuation Multiples			PE Multiples		LTM Operating Margins			Net Debt/EBITDA	
					TEV/Total Revenue	TEV/EBITDA	TEV/EBIT	LTM P/E	CY18 P/E	Gross	EBIT	EBITDA		
Stericycle	SRCL	\$65.48	82.4%	\$5,995	\$8,338	3.0x	NA	NA	NA	21.2x	37.7%	(9.5%)	(0.8%)	(99.9x)
Clean Harbors	CLH	\$77.46	87.6%	\$4,279	\$5,452	1.7x	10.1x	22.8x	36.2x	21.1x	31.5%	7.4%	16.7%	2.2x
Darling Ingredients	DAR	\$62.01	89.6%	\$10,050	\$11,666	3.4x	11.8x	17.9x	21.0x	19.2x	25.0%	19.1%	29.0%	1.6x
US Ecology	ECOL	\$33.00	60.0%	\$1,040	\$1,816	2.0x	NA	NA	NA	20.8x	26.7%	(28.8%)	(19.9%)	(4.2x)
Sharps Compliance	SMED	\$13.22	98.7%	\$218	\$226	4.3x	206.1x	801.1x	146.9x	NA	29.4%	(0.7%)	2.5%	6.9x
Perma-Fix Environmental Services	PESI	\$6.24	72.9%	\$76	\$80	0.8x	13.2x	17.8x	17.8x	15.7x	17.5%	4.5%	6.1%	1.0x
Mean				\$3,610	\$4,596	2.5x	60.3x	214.9x	55.5x	19.6x	28.0%	(1.3%)	5.6%	(15.4x)
Median				\$2,660	\$3,634	2.5x	12.5x	20.3x	28.6x	20.8x	28.0%	1.9%	4.3%	1.3x
High				\$10,050	\$11,666	4.3x	206.1x	801.1x	146.9x	21.2x	37.7%	19.1%	29.0%	6.9x
Low				\$76	\$80	0.8x	10.1x	17.8x	17.8x	15.7x	17.5%	(28.8%)	(19.9%)	(99.9x)

Source: PitchBook

Total Enterprise Value (TEV) = Market Capitalization + Preferred Equity + Debt + Minority Interest - Cash

LTM = Last Twelve Months

Publicly Traded Company Performance: Industrial Services

(\$ in millions, except per share data)

Company	Share Price 01/31/2021	% of 52 Wk High	Market Capitalization	Enterprise Value	Valuation Multiples			PE Multiples		LTM Operating Margins			Net Debt/EBITDA	
					TEV/Total Revenue	TEV/EBITDA	TEV/EBIT	LTM P/E	CY18 P/E	Gross	EBIT	EBITDA		
Covanta	CVA	\$14.15	87.7%	\$1,868	\$4,396	2.3x	13.8x	46.3x	NA	6.4x	27.1%	5.0%	16.8%	7.9x
Heritage-Crystal Clean	HCCI	\$21.70	72.8%	\$521	\$581	1.5x	19.2x	74.3x	114.2x	22.3x	14.8%	2.0%	7.8%	2.0x
CECO Environmental	CECE	\$6.93	77.0%	\$246	\$291	0.9x	10.4x	15.8x	16.5x	NA	33.8%	5.7%	8.7%	1.6x
Cypress Energy Partners	CELP	\$2.82	30.2%	\$34	\$138	0.5x	8.3x	12.8x	NA	6.5x	13.9%	4.2%	6.4%	3.3x
EET	EET	\$0.15	84.8%	\$158	\$363	1.0x	NA	NA	NA	8.0x	6.4%	(3.3%)	1.8%	NA
Fuel Tech	FTEK	\$5.03	71.4%	\$124	\$117	5.5x	NA	NA	NA	NA	38.0%	(32.7%)	(28.7%)	1.2x
Quest Resource Holding	QRHC	\$2.52	85.7%	\$46	\$45	0.5x	17.1x	32.0x	54.3x	NA	19.3%	1.5%	2.8%	(0.6x)
Mean				\$428	\$847	1.7x	13.8x	36.2x	61.7x	10.8x	21.9%	(2.5%)	2.2%	2.6x
Median				\$158	\$291	1.0x	13.8x	32.0x	54.3x	7.3x	19.3%	2.0%	6.4%	1.8x
High				\$1,868	\$4,396	5.5x	19.2x	74.3x	114.2x	22.3x	38.0%	5.7%	16.8%	7.9x
Low				\$34	\$45	0.5x	8.3x	12.8x	16.5x	6.4x	6.4%	(32.7%)	(28.7%)	(0.6x)

Source: PitchBook

Total Enterprise Value (TEV) = Market Capitalization + Preferred Equity + Debt + Minority Interest - Cash

LTM = Last Twelve Months

Recent Industry News

❖ State of Pennsylvania Positioned as a Leader in Recycling Innovation

January 7, 2021 - With reliance on plastic materials, the need for recycling innovation has never been greater. The State of Pennsylvania is positioning itself as a leader in recycling innovation with a new recycling law. The Pennsylvania Legislature passed, and Governor Tom Wolf signed into law, House Bill 1808, which provides a framework that will help reshape how Pennsylvanians use and reuse plastics while encouraging investment and growth in the recycling sector. The law helps provide regulatory certainty needed to promote advanced recycling technologies, attract new recycling businesses to the state and it also supports job creation and economic growth.

❖ SWANA Supports Federal Assistance for State and Local Governments

January 18, 2021 - The Solid Waste Association of North America (SWANA) urges Congress to quickly consider and pass emergency aid to state, local, and territorial governments as recently proposed by President-Elect Biden. These funds are needed to ensure vital government services, including solid waste and recycling, can continue uninterrupted and are an important component of the country's economic recovery.

❖ Flexible Packaging Industry Considers Producer Responsibility Bill Terms

January 21, 2021 - After a year of dialogue about what an extended producer responsibility (EPR) bill around plastic packaging and paper might include, nonprofit Product Stewardship Institute (PSI) and industry organization Flexible Packaging Association (FPA) have reached an agreement. They have finetuned an existing PSI document with elements that would be most important to FPA. Currently, flexible packaging represents 19% of all packaging. It's a growing product and only 4% of it is recycled today; the rest is disposed. Among the elements agreed upon are types of packaging; from who packaging would be collected; a definition of producers who are legally responsible; and funding for collection, transportation, and processing as well as funding for public education, government oversight, and litter abatement.

❖ DEC Proposes Regulations to Improve Food Scrap Recycling and Prevent Food Waste

January 28, 2021 - New York State Department of Environmental Conservation (DEC) Commissioner Basil Seggos announced proposed regulations to implement a new statewide waste reduction initiative that supports food donation to help hungry New Yorkers and food recycling to help prevent the landfilling of food scraps. The proposed regulations would require composting and the donation of edible food by large food scrap generators to promote an effective reuse of materials otherwise headed for landfills. DEC will hold two virtual public hearings on the draft regulations on April 7th, and is accepting public comments on the proposal until April 27.

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Sources include waste360.com, PitchBook and various publicly available news publications.

Additional information is available upon request.