

The Communities We Serve.

OUR SUSTAINABILITY INITIATIVES



LETTER FROM THE CHAIRMAN



Thank you for your interest in sustainability initiatives at Waste Connections. We recognize the importance to our stakeholders of our continuing efforts to minimize our impact on the environment by:

- :: encouraging materials recycling and reuse;
- :: using waste to generate clean, renewable energy;
- :: reducing our carbon footprint and use of fossil fuels;
- :: exploring alternatives to landfill disposal.

But for Waste Connections, our sustainability efforts extend beyond the environment; we also measure the positive impacts we have on the communities we serve, the development and welfare of our employees, the financial health of our company, and the returns to our shareholders.

As a leading environmental services company, sustainability is not a new concept for us. Over the years we have been recycling a significant portion of the waste stream, with diversion rates in some markets in excess of 70%. Our recycling efforts recover valuable materials for reuse, and include the composting of organic materials for reuse as a soil amendment. When requested, we work to bring these programs and technologies to other communities we serve throughout the U.S. and Canada.

In addition to recycling and recovery, we also harvest methane gas from landfills to generate renewable energy to power homes, small industry and our fleet. We deploy route optimization software, retrofit existing fleet and utilize alternative fuels to reduce fuel consumption and emissions, lowering our overall carbon footprint. We construct environmental enhancements to certain of our sites through the creation of wetlands and public trails. These efforts are fundamental to a sustainable business model and the success of our company.

Everything we do today is with an eye towards the future. We constantly monitor and evaluate new technologies and programs that can enhance our commitment to the environment and improve our competitive positioning. Within our industry, these changes have historically been evolutionary in nature, but there is an enormous effort currently being made in alternative technologies to reduce landfill disposal, reduce greenhouse gas emissions and harness bio-fuels.

We recognize that our employees identify and lead many of our sustainability efforts at a local level. As a result, development and welfare of our employees is critical. Our corporate culture is centered on the principles of Servant Leadership, which hold management accountable to employees. We analyze and track our success in improving Servant Leadership scores, reducing employee turnover, improving safety performance, and providing fair compensation and attractive employee benefits. We also dedicate a significant amount of management time and resources to leadership training and personnel development.

We owe our success to the communities we serve. Our employees support hundreds of local organizations, and we back their efforts with financial support for many of these groups. We accept the responsibility we have to increase corporate giving and introduce or broaden sustainability efforts as our company expands.

Environmental, organizational and financial sustainability initiatives have been key components of our success since we were founded in 1997. We remain committed to growing and expanding these efforts as our industry and technology continue to evolve.

A handwritten signature in black ink, which appears to read "Ronald J. Mittelstaedt". The signature is fluid and cursive, with a large, stylized initial "R".

Ronald J. Mittelstaedt
Chief Executive Officer and Chairman

SUMMARY PERFORMANCE STATISTICS¹

	2016	2017
Health and Safety		
Employee Hours	28,389,104	38,987,069
Incident Rate ²	22.7	16.9
People		
Total Employees as of Year End	14,671	15,283
Turnover	26.6%	24.4%
Fleet		
Total Trucks	12,403	12,765
Routed Trucks	8,186	9,069
CNG Trucks	396	1,076
Routed CNG Trucks as % of Routed Trucks	4.6%	11.3%
Facilities		
Hauling Operations	261	261
Landfills	93	90
Transfer Stations	135	146
Intermodal Facilities	7	6
Recycling Facilities	71	66
E&P Liquid Waste Injection Wells	22	22
E&P Waste Treatment and Oil Recovery Facilities	17	19
Total	606	610
Financial Statistics (\$000s USD)		
Revenue	\$ 3,375,863	\$ 4,630,488
Net Cash Provided by Operating Activities	\$ 795,312	\$ 1,187,260
Landfill Tons (tons per year)		
Municipal Solid Waste	18,946,681	24,297,387
Special Waste	8,638,076	11,225,829
C&D	4,677,746	5,635,951
Total	32,262,503	41,159,167
Recycled Commodities (tons per year)		
Old Corrugated Cardboard	318,717	463,687
Old Newspaper	70,223	121,030
Mixed/Other Paper	132,109	150,023
Glass	57,752	90,038
Metal	31,313	40,571
Aluminum	2,668	3,354
Plastics	26,794	44,750
Commingled/Other	585,509	582,765
Total	1,225,085	1,496,218
Landfill Gas Recovery Systems		
# of Landfill Gas Recovery Systems	51	50
# of Power Generation Systems	18	18
LFG Sales as % of Revenue	0.8%	1.4%
Training/Leadership Development		
# of Sessions	81	74
Employees in Training Sessions	1,808	2,256
% of Total Employees	12.3%	14.8%

¹All data provided here has been subject to internal review and is believed to be correct at the time of reporting. No third party assessment of the data was obtained.

²12-month rolling incident rate, defined as the number of incidents per 200,000 employee hours worked.



WASTE CONNECTIONS, INC.

Waste Connections is an integrated solid waste services company that provides waste collection, transfer, disposal and recycling services in mostly exclusive and secondary markets in the United States and Canada. Through its R360 Environmental Solutions subsidiary, Waste Connections is also a leading provider of non-hazardous oilfield waste treatment, recovery and disposal services in several of the most active natural resource producing areas in the United States, including the Permian, Bakken and Eagle Ford Basins. Waste Connections serves more than six million residential, commercial, industrial, and exploration and production customers. The Company also provides intermodal services for the movement of cargo and solid waste containers in the Pacific Northwest.

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G4-EN15: Direct (Scope 1) greenhouse gas (GHG) emissions

The Waste Connections CY2016 GHG Inventory was prepared in a manner consistent with The Climate Registry (TCR) General Reporting Protocol (GRP) Version 2.1 dated January 2016 and its associated updates and clarifications.

In 2016, Waste Connections' scope 1 emissions were 7,290,163.6 metric tons (MT) CO₂ equivalents (CO₂e)

G4-EN16: Energy indirect (Scope 2) GHG emissions

Waste Connections' 2016 scope 2 emissions totaled 50,213.13 MT CO₂e. The scope 2 emissions calculation methodologies were consistent with scope 1.

G4-EN17: Other indirect (Scope 3) GHG emissions

Emissions Source	CO ₂ e Emissions (MT)
Purchased goods and services	621,953.25
Capital goods	157,331.91
Waste generated in operations	112,577.90
Upstream transportation and distribution	310,766.78
Business travel (air and vehicle)	3,240.02
Use of sold products	35,357.89
Total	1,241,227.75

G4-EN18: GHG emissions intensity

	Value	Unit
2016 Gross Revenue	\$3,375.86	\$US Dollars Millions (\$M Revenue)
Scope 1 Emissions	7,239,950.44	MT CO ₂ e
MT CO ₂ e/\$M Revenue	2,144.62	
Scope 2 Emissions	50,213.13	MT CO ₂ e
MT CO ₂ e/\$M Revenue	14.87	
Scope 1 & 2 Emissions	7,290,163.57	MT CO ₂ e
MT CO ₂ e/\$M Revenue	2,159.50	
Total	1,241,227.75	

G4-EN19: Reduction of GHG emissions

Waste Connections has undertaken several initiatives to reduce GHG emissions. Waste Connections currently operates 18 landfill gas to energy facilities. Operation of these facilities results in annual avoided GHG emissions estimated at 617,317 MT CO₂e.

In 2016, the estimated avoided GHG emissions from recycling total 5,323,599 MT CO₂e. This value was calculated using the USEPA Waste Reduction Model (WARM).

The estimated annual GHG emissions reductions in 2016 from deployment of LNG vehicles is just under 1,000 MT CO₂e, using an equivalent diesel vehicle as a baseline.

G4-EN22: Water discharge by quality and destination

In 2016, Waste Connections collected 446,631,414.52 gallons of leachate with 411,609,914.82 gallons being sent to a third party for treatment. In 2016, Waste Connections also collected 811,768,944 gallons of E&P produced water for onsite treatment. A total of 45,654 gallons of E&P produced water was sent to a third party for treatment in 2016.