

# SASB APPENDIX

Waste Management Sustainability Accounting Standard



## Greenhouse Gas Emissions

Metric	Code	Unit	2021	2022	2023
Gross global Scope 1 emissions	IF-WM-110a.1	MT CO <sub>2</sub> e	5,600,178	4,812,957	5,264,281
Scope 1 coverage under emissions-limiting regulations	IF-WM-110a.1	Percentage (%)	83%	81%	81%
Scope 1 coverage under emissions-reporting regulations	IF-WM-110a.1	Percentage (%)	83%	81%	81%
Total landfill gas recovered	IF-WM-110a.2	Million British thermal units (MMBtu)	23,600,222	23,621,521	25,267,515
Landfill gas flared	IF-WM-110a.2	Percentage (%)	39%	40%	42%
Landfill gas used for energy	IF-WM-110a.2	Percentage (%)	61%	60%	58%

## Fleet Fuel Management

Metric	Code	Unit	2021	2022	2023
Fleet fuel consumed	IF-WM-110b.1	Gigajoules (GJ)	11,426,299	12,130,796	12,346,591
Natural gas as % of fuel consumed	IF-WM-110b.1	Percentage (%)	8.4%	6.3%	6.0%
Renewable as % of fuel consumed	IF-WM-110b.1	Percentage (%)	N/A	N/A	N/A
Alternative fuel vehicles as % of fleet	IF-WM-110b.2	Percentage (%)	11.9%	9.9%	9.9%

## Air Quality

Metric	Code	Unit	2021	2022	2023
NO <sub>x</sub> (excluding N <sub>2</sub> O)	IF-WM-120a.1	Metric tons (t)	258	265	309
SO <sub>x</sub>	IF-WM-120a.1	Metric tons (t)	60	62	71
Volatile organic compounds (VOC)	IF-WM-120a.1	Metric tons (t)	7.2	7.3	9.9
Hazardous air pollutants (HAP)	IF-WM-120a.1	Metric tons (t)	9.9	10.1	37.7
Number of facilities in or near dense population centers	IF-WM-120a.2	Number	7	7	7
Noncompliant air emissions issues	IF-WM-120a.3	Number	6	7	2

## Management of Leachate & Hazardous Waste

Metric	Code	Unit	2021	2022	2023
Total leachate collected		Gallons (000)	686,000	668,595	820,637
Total leachate processed on-site		Gallons (000)	258,141	262,595	307,145
(1) Total Toxic Release Inventory (TRI) releases, (2) percentage released to water	IF-WM-150a.1	Metric tonnes (t), Percentage (%)	N/A	N/A	N/A
Corrective actions implemented for landfill releases	IF-WM-150a.2	Number	0	0	0
Incidents of noncompliance associated with environmental impacts	IF-WM-150a.3	Number	0	0	0

## Labor Practices

Metric	Code	Unit	2021	2022	2023
Active workforce covered under collective bargaining agreements		Number	2,934	3,323	3,352
Percentage of active workforce employed under collective agreements	IF-WM-310a.1	Percentage (%)	14.7%	15.0%	14.9%
Work stoppages	IF-WM-310a.2	Number	0	0	0
Total days idle	IF-WM-310a.2	Days	0	0	0

## Workforce Health & Safety

Metric	Code	Unit	2021	2022	2023
Incident rate (I-Rate) <sup>1</sup>		Rate	15.4	16.2	15.0
Total recordable incident rate (TRIR) <sup>1</sup>	IF-WM-320a.1	Rate	3.3	3.3	2.7
Fatality rate	IF-WM-320a.1	Rate	0.00	0.00	0.00

<sup>1</sup> BASIC score definitions are unclear and can be inconsistent; Waste Connections prefers to use TRIR and incident rate as a better barometer of safety.

## Recycling & Resource Recovery

Metric	Code	Unit	2021	2022	2023
Waste incinerated	IF-WM-420a.1	Metric tons (t)	0	0	0
Hazardous waste incinerated as percent of waste incinerated	IF-WM-420a.1	Percentage (%)	0%	0%	0%
Energy recovery from waste incinerated	IF-WM-420a.1	Percentage (%)	0%	0%	0%
Customers receiving recycling	IF-WM-420a.2	Percentage (%)	50%	48%	50%
Customers receiving composting	IF-WM-420a.2	Percentage (%)	25%	24%	26%
Amount of material recycled	IF-WM-420a.3	Metric tons (t)	1,673,435	1,981,183	2,002,631
Amount of material composted	IF-WM-420a.3	Metric tons (t)	121,348	133,363	282,713
Amount of material processed as waste-to-energy	IF-WM-420a.3	Metric tons (t)	N/M	N/M	N/M
Amount of electronic waste collected	IF-WM-420a.4	Metric tons (t)	N/M	N/M	N/M
Percentage of electronic waste recovered through recycling	IF-WM-420a.4	Percentage (%)	N/M	N/M	N/M

## Activity Metrics

Metric	Code	Unit	2021	2022	2023
Customers - municipal	IF-WM-000.A	Number	2,230	2,410	2,460
Customers - commercial	IF-WM-000.A	Number	727,500	735,000	780,000
Customers - industrial	IF-WM-000.A	Number	135,000	135,000	142,500
Customers - residential	IF-WM-000.A	Number	7,742,500	8,060,000	8,500,000
Customers - other	IF-WM-000.A	Number	42,500	45,000	47,500
Vehicle fleet size <sup>2</sup>	IF-WM-000.B	Number	9,162	10,821	10,803
Landfills	IF-WM-000.C	Number	97	100	103
Transfer stations	IF-WM-000.C	Number	195	209	210
Recycling centers	IF-WM-000.C	Number	71	79	81
Composting centers	IF-WM-000.C	Number	7	9	9
Incinerators	IF-WM-000.C	Number	0	0	0
All other facilities	IF-WM-000.C	Number	375	396	390

<sup>2</sup> Represents total routed collection vehicles.