



SASB APPENDIX

Greenhouse Gas Emissions

	Unit	2019	2020
Gross global Scope 1 emissions	MT CO ₂ e	6,006,643	5,609,964
Scope 1 coverage under emissions-limiting regulations	Percentage (%)	85%	78%
Scope 1 coverage under emissions-reporting regulations	Percentage (%)	85%	78%
Total landfill gas recovered	Million British Thermal Units (MMBtu)	21,547,648	22,939,938
Landfill gas flared	Percentage (%)	39%	40%
Landfill gas used for energy	Percentage (%)	61%	60%

Fleet Fuel Management

	Unit	2019	2020
Fleet fuel consumed	Gigajoules (GJ)	10,501,924	10,743,000
Natural gas as a % of fuel consumed	Percentage (%)	8.0%	7.8%
Alternative fuel vehicles as % of routed collection fleet	Percentage (%)	13.8%	13.1%

Air Quality

	Unit	2019	2020
NO _x (Excluding N ₂ O)	Metric Tons (t)	265	285
SO _x	Metric Tons (t)	62	67
Volatile organic compounds (VOC)	Metric Tons (t)	N/A	7.7
Hazardous air pollutants (HAP)	Metric Tons (t)	N/A	10.9
Number of facilities in or near dense population centers	Number	7	7
Non-compliant air emissions issues	Number	2	2

Management of Leachate

	Unit	2019	2020
Total leachate collected	Gallons (000)	703,342	696,531
Total leachate treated by third parties	Gallons (000)	470,251	434,296
Corrective actions implemented for landfill releases	Number	0	0
Incidents of non-compliance associated with environmental impacts	Number	0	0

Labor Practices

	Unit	2019	2020
Active workforce covered under collective bargaining agreements	Number	3,159	3,172
Work stoppages	Number	0	1
Impacted employees as a percent of total workforce	Percentage	0.00%	0.76%
Total days idle	Days	0	6

Workforce Health & Safety

	Unit	2019	2020
Total recordable incident rate (TRIR) ¹	Rate	2.91	2.90
Incident rate (I-Rate)	Rate	17.4	15.4
Fatality rate	Rate	0.00	0.02

¹ BASIC score definitions are unclear and can be inconsistent; WCN prefers to use TRIR and Incident Rate as a better barometer of safety.



Recycling & Resource Recovery

	Unit	2019	2020
Waste incinerated	Metric Tons (t)	0	0
Hazardous waste incinerated as percent of waste incinerated	Percentage (%)	0%	0%
Energy recovery from waste incinerated	Percentage (%)	0%	0%
Customers receiving recycling	Percentage (%)	50%	50%
Customers receiving composting	Percentage (%)	27%	25%
Amount of material recycled	Metric Tons (t)	1,541,792	1,615,536
Amount of material composted	Metric Tons (t)	210,757	201,991
Amount of material processed as waste-to-energy	Metric Tons (t)	N/M	N/M
Amount of electronic waste collected	Metric Tons (t)	N/M	N/M
Percentage of electronic waste recovered through recycling	Percentage (%)	N/M	N/M

Activity Metrics

	Unit	2019	2020
Customers	Number		
Municipal Contracts	Number	2,000	2,100
Commercial	Number	600,000	720,000
Industrial	Number	100,000	135,000
Residential	Number	6,500,000	7,425,000
Other	Number	200,000	220,000
Vehicle fleet size ³	Number	8,089	8,912
Landfills	Number	97	92
Transfer stations	Number	175	185
Recycling centers	Number	66	68
Composting centers	Number	6	7
Incinerators	Number	0	0
All other facilities	Number	342	352

² Waste Connections does not measure materials managed by customer type.

³ Represents routed vehicles