

SASB is an independent, non-profit organization dedicated to developing sustainability accounting standards to help public companies disclose useful information to investors. Based upon our classification within SASB's Sustainability Industry Classification System, we have evaluated the Waste Management Sustainability Accounting Standard (IF-WM). The table below sets out the topics addressed by that standard, the related SASB code and accounting metric, and our related disclosures. All disclosures are for the period 01/01/20 to 12/31/20.

2020 SASB Disclosure



Table 1: Sustainability Disclosure Topics & Accounting Metrics

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	US ECOLOGY'S RESPONSE	CODE
Greenhouse Gas Emissions	(1) Gross global Scope 1 emissions, percentage covered under (2) emissions-limiting regulations, and (3) emissions-reporting regulations	Quantitative	Metric tons (t) CO ₂ -e, Percentage (%)	US Ecology quantified its 2020 GHG emissions from its over-the-road fleet vehicles. Quantification of GHG emissions from off-road and marine vessels is in development. 1) 49,964 MTCO ₂ e 2) 0% 3) 0%	IF-WM-110a.1
	(1) Total landfill gas generated, (2) percentage flared, (3) percentage used for energy	Quantitative	Million British Thermal Units (MMBtu), Percentage (%)	1) 0 MMBtu, US Ecology operates hazardous waste landfills and does not accept putrescible or organic wastes that result in the generation of landfill gases. 2) NA 3) NA	IF-WM-110a.2
	Discussion of long-term and short-term strategy or plans to manage Scope 1 and lifecycle emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion and Analysis	n/a	US Ecology is developing a full baseline emission inventory of its Scope 1 emissions. The largest GHG impact from US Ecology operations is from the operation of its truck fleet, which has been quantified. Reduction targets will be established by the end of 2021. Reduction efforts include replacement of aging fleet assets with those that have higher fuel efficiency and emission standards as well as evaluating next generation fuel technologies including EV, hydrogen and compressed natural gas.	IF-WM-110a.3
Fleet Fuel Management	(1) Fleet fuel consumed, (2) percentage natural gas, (3) percentage renewable	Quantitative	Gigajoules (GJ), Percentage (%)	1) 125,052 GJ 2) 0% 3) 3.5% - B5 fuel	IF-WM110b.1
Air Quality	Air emissions of the following pollutants: (1) NO, (excluding N2O), (2) SO, (3) volatile organic compounds (VOCs), and (4) hazardous air pollutants (HAPs)	Quantitative	Metric tons (t)	US Ecology's operations all emit less than major emission source thresholds as defined under Title V of the Clean Air Act. Most of the operations are considered minor air emitting sources not subject to air operating permits or emission reporting requirements.	IF-WM-120a.1
	Number of facilities in or near areas of dense population	Quantitative	Number	Eight (8) of twenty-seven (27) permitted treatment/recycling facilities are located near densely populated areas. All of these facilities have been operating at these locations for greater than twenty-five (25) years.	IF-WM-120a.2
	Number of incidents of non-compliance associated with air emissions	Quantitative	Number	1 In 2020, US Ecology received a NOV related to odor complaints at one of its treatment facilities.	IF-WM-120a.3
Management of Leachate & Hazardous Waste	(1) Total Toxic Release Inventory (TRI) releases, (2) percentage released to water	Quantitative	Metric tons (t) Percentage (%)	EPA's TRI reporting for hazardous waste landfills requires reporting of all compounds placed in the landfill for secure disposal as an onsite release. Despite the TRI reporting, US Ecology's TRI report does not represent waste generated by its ongoing operations, but rather the volume of waste received from customers for treatment and disposal. 1) 9,900t of TRI releases reported 2) 0.02% was released to water	IF-WM-150a.1

TOPIC	ACCOUNTING METRIC	CATEGORY	UNIT OF MEASURE	US ECOLOGY'S RESPONSE	CODE
	Number of corrective actions implemented for landfill releases	Quantitative	Number	0	IF-WM-150a.2
	Number of incidents of non-compliance associated with environmental impacts	Quantitative	Number	4	IF-WM-150a.3
Labor Practices	Percentage of active workforce covered under collective bargaining agreements	Quantitative	Percentage (%)	15%	IF-WM-310a.1
	(1) Number of work stoppages and (2) total days idle ¹	Quantitative	Number, Days Idle	1) 0 2) 0	IF-WM-310a.2
Workforce Health & Safety	(1) Total recordable incident rate (TRIR), (2) fatality rate, and (3) near miss frequency rate (NMFR) for (a) direct employees and (b) contract employees	Quantitative	Rate	1) TRIR – 1.5 2) Fatality Rate – 0.0 3) NMFR – 9.5 There were no incidents involving contract employees.	IF-WM-320a.1
	Safety Measurement System BASIC percentiles for (1) Unsafe Driving, (2) Hours-of-Service Compliance, (3) Driver Fitness, (4) Controlled Substances/Alcohol, (5) Vehicle Maintenance, and (6) Hazardous Materials Compliance	Quantitative	Percentile	See Table 3	IF-WM-320a.2
	Number of road accidents and incidents	Quantitative	Number	In 2020, US Ecology experienced fifty-five (55) vehicle accidents. Twenty-two (22) were determined to be the fault of a US Ecology driver.	IF-WM-320a.3
Recycling & Resource Recovery	(1) Amount of waste incinerated, (2) percentage hazardous, (3) percentage used for energy recovery	Quantitative	Metric tons (t), Percentage (%)	1) 0 t 2) 0% 3) 0%	IF-WM-420a.1
	Percentage of customers receiving (1) recycling and (2) composting services, by customer type	Quantitative	Percentage (%)	1) Commercial – 0.65% Industrial – 2.73% Municipal – 0% Residential – 0% Other - 0.05% 2) 0%	IF-WM-420a.2
	Amount of material (1) recycled, (2) composted, and (3) processed as waste-to-energy	Quantitative	Metric tons (t)	1) 28,303 t 2) 0 t 3) 0 t	IF-WM-420a.3
	Amount of electronic waste collected; percentage recovered through recycling	Quantitative	Metric tons (t), Percentage (%)	1) 15,096 t 2) 0.4%	IF-WM-420a.4

¹ Note to IF-WM-310a.2 – Disclosure shall include a description of the reason for each work stoppage, impact on operations, and any corrective actions taken.

Table 2. Activity Metrics

ACTIVITY METRIC	CATEGORY	UNIT OF MEASURE	US ECOLOGY'S RESPONSE	CODE
Number of customers by category: (1) municipal, (2) commercial, (3) industrial, (4) residential, and (5) other ²	Quantitative	Number	Not Disclosed	IF-WM-000-A
Vehicle fleet size	Quantitative	Number	Approximately 1,200	IF-WM-000.B
Number of: (1) landfills, (2) transfer stations, (3) recycling centers, (4) composting centers, (5) incinerators, and (6) all other facilities ³	Quantitative	Number	1) 9 – includes landfills with waste treatment 2) 39 – 10 day transfer operations 3) 19 – includes treatment and recycling facilities 4) 0 5) 0 6) 71	IF-WM-000.C
Total amount of materials managed by customer category: (1) municipal, (2) commercial, (3) industrial, (4) residential, and (5) other ⁴	Quantitative	Metric tons (t)	1) Municipal: 333,878 t 2) Commercial: 224,302 t 3) Industrial: 973,571 t 4) Residential: 0 5) Other: 312,297 t	IF-WM-000.D

Table 3. Safety Measurement System BASIC Percentiles for US Ecology owned Motor Carriers that constitute at least 80% of all roadside inspections.

MOTOR CARRIER	1) UNSAFE DRIVING	2) HOURS OF SERVICE	3) DRIVER FITNESS	4) CONTROLLED SUBSTANCES / ALCOHOL	5) VEHICLE MAINTENANCE	6) HAZARDOUS MATERIALS COMPLIANCE
FMCSA Intervention Thresholds	<60%	<60%	<75%	<75%	<75%	<80%
EQ Northeast, Inc.	25%	11%	Insufficient Data	0%	15%	51%
NRC East Environmental Services, Inc.	6%	30%	70%	27%	41%	Insufficient Data
NRC Gulf Environmental Services, Inc.	14%	Insufficient Data	0%	0%	37%	Insufficient Data
NRC Environmental Services Inc.	3%	58%	Insufficient Data	0%	44%	Insufficient Data
EQ Industrial Services, Inc.	25%	29%	Insufficient Data	0%	23%	93%

² Note to IF-WM-000.A – The scope of “residential” shall only include those residential customers that have direct contracts with the entity. For the purposes of this disclosure, residential customers serviced through contracts with a municipality shall be considered in the “municipal” category. The scope of each customer type shall be consistent with the entity’s financial reporting.

³ Note to IF-WM-000.C – Landfills include landfills that are active, and landfills owned by the company that are closed. The scope of “all other facilities” excludes corporate offices. The scope of each customer type shall be consistent with the entity’s financial reporting.

⁴ Note to IF-WM-000.D – “Managed” is defined as the handling of discarded materials, whether those materials are treated or not. The scope of “residential” shall only include those residential customers that have direct contracts with the entity. For the purposes of this disclosure, residential customers serviced through contracts with a municipality shall be considered in the “municipal” category. The scope of each customer type shall be consistent with the entity’s financial reporting.