Environmental Management

Work done at Halliburton — which includes our environmental management work — is guided by the policies, business practices, and procedures that are detailed in the Halliburton Management System (HMS). The HMS embeds our environmental risk mitigation into daily work activities, as well as the environmental evaluations within real estate processes and in the due diligence phase of every potential M&A transaction.

Read more on the HSE policy and HMS within the Safety section of this report and on the HMS page of the Halliburton website. Visit the Environment page of our website to learn about our chemical stewardship.

Biodiversity

Halliburton recognizes that finding ways to reduce our impact on biodiversity plays a role in sustainability and we include this work in our environmental management system. Our efforts in this area include environmental evaluations to help reduce our impacts on our land; facility designs that meet regulatory requirements and are energy- and water-efficient; promotion of circularity in materials use; targeted water use and waste reduction programs; engagement with local communities to protect and restore sensitive habitats; and cultivation of a responsible supply chain in collaboration with suppliers.

Halliburton respects World Heritage sites and the protections afforded to them.

Our Environmental Management Sustainability Commitment



 Identify and execute waste and water management initiatives at locations globally to deliver activity-based reductions.

Environmental Facility Certifications

The HMS applies globally and complies with industrystandard certification programs — including the International Organization for Standardization (ISO) 14001 and API RP 75 — as do all the processes and procedures it contains. In addition to global HMS compliance, many of Halliburton's facilities are externally certified to support business requirements. In 2024, 60 Halliburton facilities held ISO 14001 certifications.



Lab employee in Saudi Arabia

Water Stewardship

Halliburton works to conserve water and advance sustainable, cost-effective water management processes for ourselves and our customers where we are able. We offer solutions to optimize water use practices at well sites, where customers own water purchases and control. We report water-use data for Company-owned and Company-leased locations in the U.S., Canada, and most of Halliburton's global facilities.

In 2024, we executed water stewardship projects in 16 locations around the world. Our locations use water consumption data and established water-use reduction toolkits to identify and engage opportunities to reduce their water use. These opportunities include improving efficiencies in auxiliary processes, domestic water use, and / or landscape irrigation.

Our water-use reduction strategies include, but are not limited to, improvements to leak awareness and identification; replacement or enhanced maintenance for older water-consuming appliances and fixtures; adoption of drought-friendly vegetation and xeriscaping; and implementation of systems that recycle and reclaim water.



Reducing Wastewater

Our Real Estate team in Indonesia identified an opportunity to reuse wastewater at local Halliburton sites. The team installed tanks that capture and process domestic wastewater along with a meter to measure how much water the tanks save. The treated water is then reused for irrigation.

Water Withdrawal Intensity

m³ / Operating Hours





A test vial of liquid undergoing analysis as part of our water stewardship efforts

Waste Management and Reduction

Halliburton's waste management program employs processes that manage waste from generation to final disposal. These processes include vendor management and the identification, classification, storage, tracking, and minimization of waste. In 2024 we also launched a Waste Management Awareness Training course to help employees who are responsible for waste management understand and comply with Halliburton's waste management standards.

Proper identification and tracking of waste streams enable us to focus our efforts on ways to minimize the volume of waste produced or alternate disposal methods that can reduce our environmental impact. In 2024, we implemented tools and processes to help identify high-impact opportunities and track waste streams at our facilities. Vendor management is also a critical part of our program. We follow an established process to review compliance by vendors who engage in waste transportation, recycling, treatment, and / or disposal on our behalf.

Our 2024 waste generation data encompass all manufacturing locations, all U.S. locations, and any non-U.S. locations with building footprints larger than two acres (8,092 m²) or that facilitate activities with the potential to generate high levels of waste.

Waste Disposal Intensity





Recycling Oil Waste in Colombia

Our Colombia locations established a collaborative relationship with a vendor who recycles used oil to prevent it from reaching landfills. Since the project began in 2023, our efforts have reduced oil waste directed to landfill by 29% and resulted in recycling 98% of used oil generated.



Angola Sites Work to Minimize Waste

In 2024, our Angola locations took action to reduce waste. They reused wooden packaging and tool crates, replaced disposable dishware with reusable alternatives, reused chemical drums, and collaborated with procurement to identify waste vendors who can help facilitate additional recycling disposal routes.

The Halliburton site in Malembo gave particular focus to reducing wood and plastic waste. The new measures Malembo introduced enabled the site to reduce disposable wood waste by 99% in 2024.