



US Ecology, a Republic Services Company

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Director, Operations Support

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Republic Services Company Overview



Our Promise

Sustainability in Action

- ✓ A Fortune 300 leader in \$90B environmental services industry
- ✓ Offers the most complete set of solutions for customers' environmental needs
- ✓ Recycling, solid waste, special waste, hazardous waste, container rental and field services, among other services
- ✓ Industry-leading commitments to advance circularity, reduce emissions and decarbonize operations
- ✓ A diverse and inclusive employer of choice

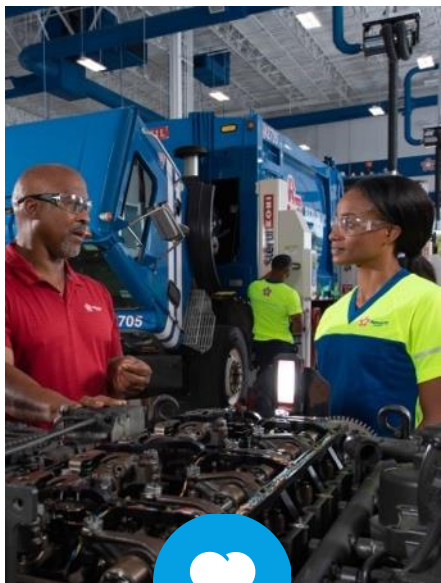


Our Vision

Partnering with customers to create a more sustainable world.



OUR VALUES



Safe

We protect the livelihoods of our colleagues and communities.



Committed to Serve

We go above and beyond to exceed our customers' expectations.



Environmentally Responsible

We take action to improve our environment.



Driven

We deliver results in the right way.



Human-Centered

We respect the dignity and unique potential of every person.

FACTS & FIGURES



39K

Employees



356

Collection Operations



47

States



71

Recycling Centers



239

Transfer Stations



16K

Trucks In Our Fleet



198

Active Modern-Day
Landfills



77

Landfill Gas & Renewable
Energy Projects



6

Treatment, Recovery and
Disposal Facilities



9

Salt Water
Disposal Wells



7

Deep Injection
Wells



**LARGEST
PROVIDER**

of Environmental Services
By Revenue

Sources: Annual Report on Form 10-K for the year ended December 31, 2020; 2019 Sustainability Report

ENVIRONMENTAL SOLUTIONS



Field & Industrial Services

- ✓ Remediation
- ✓ Lab Pack
- ✓ Transportation
- ✓ Equipment Cleaning and Rental



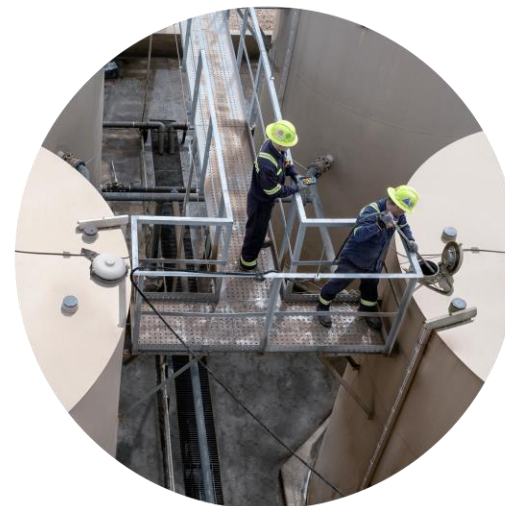
Treatment & Disposal

- ✓ Secure Disposal
- ✓ Landfill Services
- ✓ Wastewater Treatment
- ✓ Hazardous & Non-Hazardous Waste
- ✓ Injection Wells
- ✓ Special Waste



Emergency Response Services

- ✓ Emergency Response
- ✓ Disaster Response
- ✓ Biohazardous Decontamination



E&P Services

- ✓ Energy Waste Disposal
- ✓ Saltwater Disposal
- ✓ Saltwater Injection Wells
- ✓ Trucking

ENVIRONMENTAL
SOLUTIONS
LOCATIONS



SUSTAINABILITY

We identify environmentally focused solutions that achieve regulatory compliance, while offering customers sustainable alternatives via new waste reduction, recycling or reuse technologies.



66M

pounds of materials
recycled in 2021



4.2B

pounds of hazardous
waste managed in 2021



56M

gallons of wastewater
treated in 2021



2M

gallons of oil
recycled in 2021



5.1M

pounds of glycol
recycled in 2021



25.7M

pounds of metals
recovered in 2021

*Environmental Solutions data only, based on US Ecology 2021 operations.

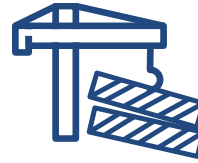
INDUSTRIES



Manufacturing:
Automotive, Defense,
Aerospace and more



Oil and Gas: E&P,
Refineries and
Petrochemical



Steel and Metal
Finishing



Government and
Municipalities



Environmental
Consultants and Partners



Transportation: Airport,
Rail and Trucking



Retail, Pharmacy and
Hospitality



Utilities and Energy



Education



Health Care,
Pharmaceutical and
Biotech



Our dedicated sales and customer service teams work in partnership with customers to understand their environmental needs, appreciate their sustainability goals and ultimately, find innovative, customized solutions that work.”

TREATMENT AND DISPOSAL

- ✓ Secure Disposal Landfill Services
- ✓ Solid Waste Treatment
- ✓ Wastewater Treatment
- ✓ Hazardous and Non-Hazardous Injection Well
- ✓ Total Waste Solutions
- ✓ PFAS Solutions
- ✓ Radioactive Waste Solutions
- ✓ PCB Waste Services
- ✓ Metals Recovery
- ✓ Thermal Recycling
- ✓ Aerosol Recycling
- ✓ NMP Recycling
- ✓ Glycol Recovery



FIELD AND INDUSTRIAL SERVICES

- ✓ Remediation
- ✓ Retail Solutions
- ✓ Lab Pack
- ✓ Onsite Services
- ✓ Waste Transportation
- ✓ Gun Range Cleaning
- ✓ Industrial Cleaning and Maintenance
- ✓ Household Hazardous Waste
- ✓ Equipment Cleaning
- ✓ Equipment Rental
- ✓ Marine and Terminal Services
- ✓ Turnaround and Shutdown Work
- ✓ Hazardous Substances Abatement



EMERGENCY RESPONSE SERVICES

Leading the industry by providing global reliable and compliant emergency response solutions 24/7/365.



Nationwide coverage
available 24/7/365



Two-hour
response time



One partner from start
to finish



10,000+ responses
annually



Customized programs
that fit your needs



Compliance and safety

EMERGENCY RESPONSE SERVICES

- ✓ Emergency Response
- ✓ Global High Hazard and Rail Response
- ✓ Oil Spill Response and Compliance
- ✓ Biohazardous Decontamination
- ✓ Disaster Response



US Ecology has many Options for Safe, Secure Disposal of PFAS, PFOS, AFFF and Related Compounds

Safe, Secure Landfill, WWT Disposal & Thermal Treatment

Secure Subtitle "C" RCRA / TSCA Disposal

- ✓ US Ecology Nevada (Beatty, NV)
- ✓ US Ecology Idaho (Grand View, ID)
- ✓ US Ecology Texas (Robstown, TX)
- ✓ US Ecology Michigan (Belleville, MI)

Subtitle "C & D" RCRA Wastewater Treatment

- ✓ US Ecology Detroit North (Detroit, MI)
- ✓ US Ecology Detroit South (Detroit, MI)
- ✓ US Ecology Anchorage (Anchorage, AK)

Deepwell Options

- ✓ US Ecology Winnie (Winnie, TX)
- ✓ US Ecology Romulus (Romulus, MI)

Thermal Treatment

- ✓ US Ecology Alaska (Moose Creek, AK)

Subtitle "D" Disposal

- ✓ Republic Services ECDC (East Carbon, UT)

US ECOLOGY MICHIGAN

WAYNE DISPOSAL, INC

RCRA, TSCA, RAD FACILITY

- ✓ “Hybrid” site permitted for hazardous, non-hazardous, TSCA and exempt radioactive material
- ✓ Subpart CC building for Chemical Oxidation of > 500 ppm VOCs
- ✓ High volume Rail Transfer Facility
- ✓ **PFOS and related compounds on a case-by-case basis, pending volumes, concentration and modeling for leachate calculations**
- ✓ Triple lined landfill designed for long term protection



US ECOLOGY WINNIE, TX & ROMULUS, MI

DEEPWELL DISPOSAL

- ✓ Non-hazardous and Hazardous Deepwell Disposal Services
- ✓ Commercial caprock injection
- ✓ Class 1 and Class 2 non-hazardous industrial waste, including:
 - ✓ RCRA
 - ✓ Low Solids
 - ✓ Sludges
 - ✓ Leachate
 - ✓ Ammonia
 - ✓ High BOD & COD Material
- ✓ Can take ALL levels of PFOS and related compounds as long as they can be physically injected into the Deepwell.





Questions?

Contact phil.tannian@usecology.com



Long Term Reduction of Liability of PFAS wastes, in Arid RCRA Landfills

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