



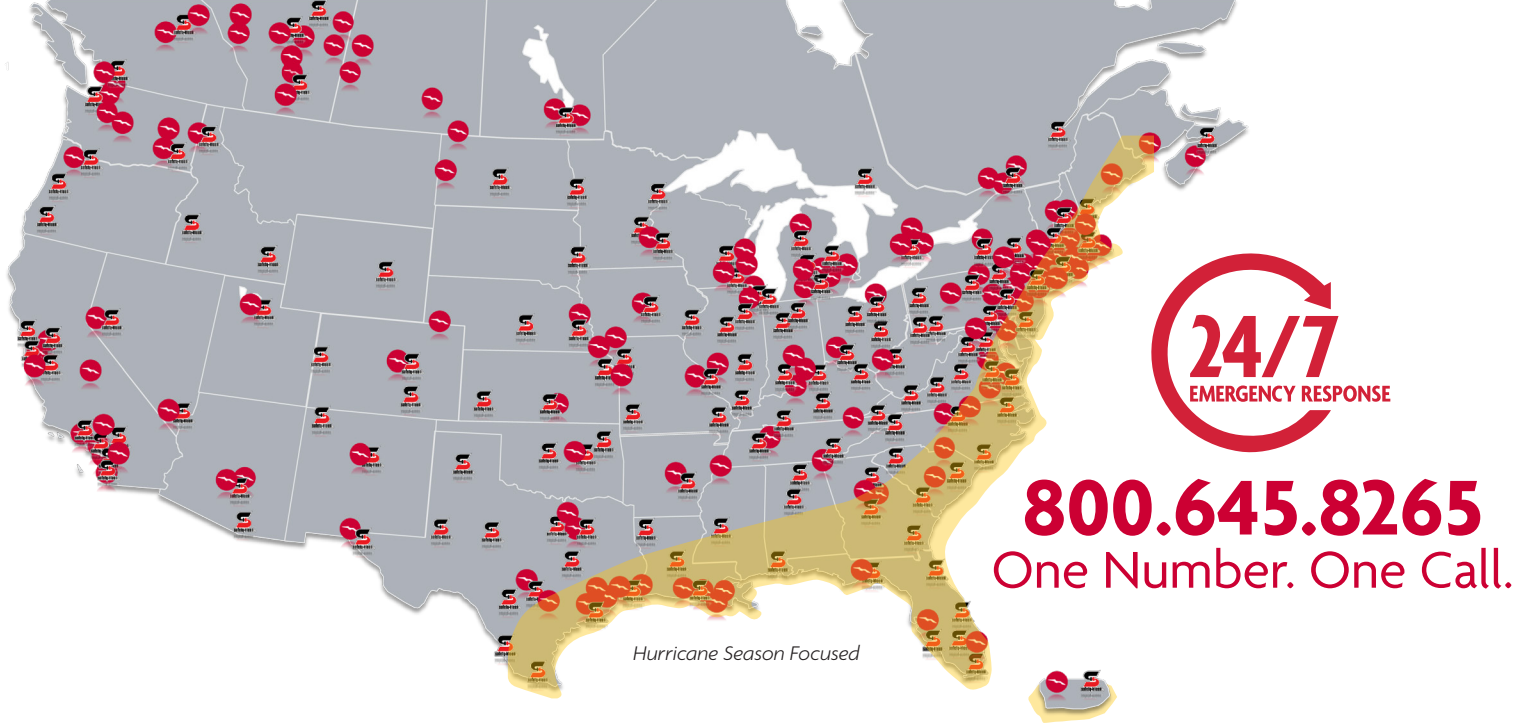
# TOTAL STORM RESPONSE

Services your company can use before and after a major storm strikes.



**CleanHarbors**<sup>®</sup>

**40** YEARS



## It's not a matter of *if* a storm comes, it's a matter of *when*.

If you do business anywhere on the Gulf Coast or the Southern Atlantic Seaboard, one thing is for certain: at some point, you will be adversely affected by a major storm. By planning for this inevitability now, you can mitigate the potential damage and greatly speed your company's recovery from the unexpected.

Unfortunately, too many companies don't even think about hurricanes until one is heading their way. This lack of planning will guarantee that you will be left scrambling for a limited supply of high-demand services and resources after the storm.

## We respond through experience

Clean Harbors manages over 7,000 environmental emergency responses annually. Companies and governmental agencies trust our expertise to handle any emergency. We have the experience, technical knowledge and operational resources to get the job done right while adhering to strict regulatory statutes and health and safety standards. From immediate response and containment to cleanup operations, Clean Harbors provides the manpower and equipment, logistical support, ICS/NIMS integration, and operational oversight to manage environmental emergencies of any size.

We can rapidly deploy hundreds of experienced and certified workers with 40 hours of training, to meet the needs of any incident. Whatever the response requires, from Level C through Level A, we handle a broad array of hazardous materials, including oil, gasoline, chemical, PCB and biological hazards.

Clean Harbors responds to a wide range of response events, from the more common over-the-road incidents, punctured lines, tank overflows, leaking drums, and saddle-tank spills, to major and catastrophic incidents such as large pipeline ruptures, ship groundings, natural disasters, tanker-truck rollovers and facility releases that can easily threaten oceans, rivers, streams and lakes, as well as roadways, facilities and public areas.

## We've been responding to hurricanes for more than forty years.

In this brief guide, we'll touch on a variety of services and products you will likely need in the event of a major storm. They are available individually or as part of a Total Storm Response package customized for your company. You will find them broken down into three storm response phases:

- Pre-Storm**
- Post-Storm Response**
- Post-Storm Recovery**

Please take a few minutes and review how Clean Harbors can provide the help your enterprise needs to weather the storm.

One call to 800.645.8265 from anywhere across North America connects you to Clean Harbors' 24/7/365 Emergency Operations Center. Our DOT and RCRA-trained Emergency Duty Operators offer unmatched coordination and control of clean-up efforts, ensuring a timely response to your emergency need.

# 1. PRE-STORM



## Standby Services and Planning

No one wants to think about the worst-case scenario. But, by planning ahead and obtaining Clean Harbors Standby Emergency Response Coverage, you'll have peace of mind knowing that your organization has guaranteed service should an environmental emergency arise. Under a Standby Emergency Response Agreement (SERA), Clean Harbors experts can perform a range of preparation activities that ensure rapid response time when it's needed most:

- Conduct Site-familiarization Visits
- Negotiate Terms and Conditions
- Perform Tabletop and Deployment Drills
- Conduct Insurance and Credit Checks

*The SERA also enables customers to list Clean Harbors as their Emergency Response provider on their response plans.*

## Vacuum Services to Empty Storage Tanks, Fully or Partially

We provide on-site tank transfer and temporary storage of oils, chemicals and wastes.

With a large nationwide team of specialists and a vast array of equipment, Clean Harbors provides fast and efficient pump-outs of sumps, pits, manholes, tanks and vessels of any size. We handle pump-outs of products at various temperatures, pressures and consistencies, including hazardous and non-hazardous materials in liquid, semi-solid and solid forms.

- On-site Tank Transfer and Temporary Storage
- Experience with Various Products, Temperatures, Pressures and Consistencies
- Level C through Level A Response
- Extensive Resources and Equipment
- Personnel, Experience and Sound Management
- On-site Health and Safety Managers
- Online MSDS Support with 24-hour Access
- Full ICS/NIMS Support Team



## Drum Removal from Storage Pad (T&D)

Clean Harbors Drum Waste Disposal Services effectively manages hazardous and non-hazardous waste disposal, regardless of amount. Whether it's only a few ounces, 55-gallon drums or cubic-yard-size containers, our expert teams make sure your waste is efficiently collected and properly disposed of, regardless of the waste type.

- PCB-Contaminated Equipment or Pipe Debris
- Acid/Caustic Sludge from Plant Maintenance
- Waste Water from Boiler or Turbine Cleaning
- Gas Regulators and Metering Waste

## Equipment Rental – Customizable Options

We offer full-service Equipment Rentals for solid and liquid wastes with our customizable equipment and qualified technicians.

- Trained and Certified Solids-Control Technicians
- Equipment Options to Accommodate Small to Full-sized Operations
- Monthly Safety Audits (Field and Shop)
- Pumps
- Frac Tanks



## Absorbent Products

Safety-Kleen (our subsidiary company) offers a full line of absorbent and wiper products to meet your spill pickup and industrial cleaning needs.

Absorbent products include loose absorbents, socks, pillows, booms, absorbent mats, absorbent pads and heavy-duty wipers.

- Absorbent Mats & Pads
- Socks & Pillows
- High-traffic Grippy® Mat
- Loose Absorbent
- Heavy-duty & Multi-purpose Wipers
- Spill Kits



## 2. POST-STORM RESPONSE

### Marine Operations; OSRO

Clean Harbors is a classified Oil Spill Removal Organization (OSRO), per the United States Coast Guard. Listed as #13 in the USCG's Response Resource Inventory, Clean Harbors holds ratings in every Captain of the Port Zone in the contiguous United States, as well as in the Caribbean and Alaska – over 75 COTP's in total. As a classified OSRO in the River/Canal, Inland, and Great Lakes Operating Environments, Clean Harbors is the go-to provider for any responses in inland environments.



Clean Harbors is one of only a handful of OSRO's to also be classified by the USCG as qualified to respond to Non-Floating Oil spills. Sunken oil presents a great number of complex challenges; and Clean Harbors, due to our experience, specialized resources, and relationships with all types of response partners, can provide the necessary peace of mind when dealing with these substances.

- Response Vessels, Containment Boom and Skimming and Recovery Equipment
- Certified Vessel Operators and Crew Support
- Full ICS/NIMS Support Team
- Agency Contractor and Insurance Company Approval



### Vacuum Services for Flooded Locations

With a large nationwide team of specialists and a vast array of equipment, Clean Harbors provides fast and efficient pump-outs of flooded locations of any size. We handle pump-outs of products at various temperatures, pressures and consistencies, including hazardous and non-hazardous materials in liquid, semi-solid and solid forms.

### Unmanned Aerial Services

In the immediate aftermath of a storm, assessing the damage is a critical part of remediation efforts. Clean Harbors maintains a fleet of the latest-technology Unmanned Aircraft to provide real-time surveillance of your property. Not only are our pilots highly trained and certified FAA-compliant, but they also represent best-practice procedures and processes established by the EPA.



### Decontamination Services

Our response personnel will execute the clean-up and disposal of your waste in strict accordance with the most current EPA and DOT regulations. At the conclusion of the event, Clean Harbors can dispose of any waste generated at one of our approved treatment and disposal facilities.

### Container Rental – Every Type and Size

Clean Harbors has more than 12,000 containers of various types and sizes, such as open and closed top rolloffs, vacuum containers, dewatering containers, frac tanks and specialty containers.



Ranging from the delivery of a single container to the on-site management of all of a customer's containers, Clean Harbors provides comprehensive container management. We also provide transportation and logistics services for moving containers on-site and off-site as well as container tracking.

### Logistics

While personnel safety is a focus before and during major storms or other related events, the danger does not end there. A lack of power, food and shelter poses consistent danger to residents, employees and responders after major weather incidents. Clean Harbors can provide the following services pre- or post-storm:

- Catering
- On-site Lodging
- On-site Sanitation
- Power Generation
- Potable Water and Grey/Black Water Management
- Comms Packages
- Heavy Equipment Rentals and Operators
- Supply Distribution Centers



# 3. POST-STORM RECOVERY

## Debris Removal

We provide industrial roll-offs, heavy equipment and transportation and disposal services for a wide variety of storm-produced debris, including:

- Sheet Rock/Carpet Removal
- Hazardous Material Recovery and Collection
- Facility Cleanup and Building Drying
- Retail Debris, Paints
- Residential Debris/Household Waste, Paints
- Electronic Waste
- Document Management – Confidential Incineration



## D3 Clean™ - Disinfection, Decontamination and Disposal Services

Our turnkey services are delivered by trained experts using company-owned assets, giving your organization the agility to handle threats. Our services include:

- Hazardous and Infectious Waste Management
- Waste Disposal Service
- Contaminated Site Cleanup
- Emergency and After-Hours Response
- Pre-storm Disinfection Services
- Disinfection of Shelters (Post-storm)

## Abandoned/Orphaned Drums

Clean Harbors Drum Waste Disposal Services effectively manage hazardous and non-hazardous waste disposal, regardless of amount. Whether it's only a few ounces, 55-gallon drums or cubic-yard-size containers, our expert teams make sure your waste is efficiently collected and properly disposed of, regardless of the waste type.

- PCB-Contaminated Equipment or Pipe Debris
- Waste Water from Boiler or Turbine Cleaning
- Acid/Caustic Sludge from Plant Maintenance
- Gas Regulators and Waste Metering



## Carcass Management

Severe weather not only impacts people and structures, but also animals, which are incredibly vulnerable to severe weather events as well. Clean Harbors has an extensive history in remedying impact on our four-legged and feathered friends. These services include:

- Facility Decontamination
- Mass Carcass Removal
- Composting
- Disease Outbreak Containment

## Business Continuity - Remediation/Deconstruction Services for Hazmat Materials

Clean Harbors leverages its specialized equipment, expertise and disposal assets across the country to provide turnkey service to our customers. This allows us to maintain true accountability and business continuity when managing Remediation/Deconstruction of your Hazardous materials. Look to Clean Harbors to handle everything, from planning and estimating to scheduling, cost tracking and subcontractor management, using a best-practice approach that streamlines your costs and maximizes your own staff's productivity.

## CleanPack® - Inventory Management

CleanPack® Services provide technical expertise and extensive resources to handle laboratory chemicals, highly hazardous and reactive chemicals, radioactive materials, and cylinders and compressed gases. Our chemists are skilled in chemical recognition, categorization and packaging, and perform lab packing for facilities nationwide.

- Single to Multiple Lab Moves, from Simple to Complex
- Do-It-Yourself Packing for Customers Who Want to Pack Their Own Chemicals
- Secure Transportation and Destruction Of DEA Schedule I to V Materials
- Safe Handling of Reactive Materials
- Extensive Experience Managing Compressed Gases and Dangerous Cylinders
- Proper Setup and Maintenance of Satellite Accumulation Areas



## Proven Leadership in Emergency Response

For more than forty years, Clean Harbors has taken the lead in identifying the most effective, safe and environmentally sound options for managing environmental emergencies. Our commitment to integrity and high performance standards has resulted in long-standing business relationships with government agencies, insurance companies, and public and private companies. Clean Harbors is your single source for the safe, efficient management of any environmental emergency.

- Strategically Staged Resources at 72 Response Locations Across North America
- Level C through Level A Response
- Multi-Functional Emergency Operations Center (EOC)
- 400-person In-house Ready Reserve Team
- National Team for Large Responses
- Online MSDS Support with 24-hour Access
- Full ICS/NIMS Incident Management Team
- USCG OSRO and Marine Transfer Compliance
- Over 7,000 Emergency Call Responses Annually



## Disaster Periods and Recommended Services

PRE-STORM PREPARATION	POST-STORM RESPONSE	POST-STORM RECOVERY	Services
●			Standby Services and Planning
●			Vacuum Services to Empty Storage Tanks, Fully or Partially
●			Remove Drums from Storage Pad (T&D)
●			Equipment Rental – Customizable Options
●			Absorbent Products
	●		Marine Operations; OSRO
	●		Vacuum Services for Flooded Locations
	●		Unmanned Aerial Services
	●		Decontamination Services
	●		Container Rental – Every Type and Size
	●		Logistics
	●		Debris Removal
	●		D3 Clean™ - Disinfection, Decontamination and Disposal Services
	●		Abandoned/Orphaned Drums
	●		Carcass Management
	●		Business Continuity - Remediation/Deconstruction Services for Hazmat Materials
	●		CleanPack® - Inventory Management



800.645.8265 | [cleanharbors.com/totalstormresponse](https://cleanharbors.com/totalstormresponse)