As your single source for industrial and environmental services, Clean Harbors will have a direct impact on your refinery or petrochemical plant:

• Impact productivity through maintenance and cleaning services that remove the frustration on the rest of your staff.
• Reduce risks and liability through proven, fully compliant environmental and industrial solutions and services.
• Focus downtime associated with shutdowns or outages, through quick response and faster turnaround.
• Remain prepared for any and all emergencies using the most trusted and responsive team in the industry.
• Simplify and reduce costs by working with one company for full project management along with the way you do business.

Visit our online reUniverse to learn more about our extensive service offerings.

Clean Harbors
Refinery and Petrochemical Services
For Your First Choice for Industrial Services and Environmental Management

Make Your Business Safe and More Efficient

Committed to Your Business.
Chemical Cleaning is an efficient, safe and cost-effective solution that can help you save money. At Clean Harbors, we understand the challenges you face in your industry. Our chemical cleaning services are designed to help you keep your facility running smoothly.

Our chemical cleaning services include:

- **High Pressure Cleaning**: We use high pressure water jets to remove stubborn deposits from pipes, vessels, and tanks.
- **Decoking / Pigging**: We use specialized equipment to remove deposits from pipes, vessels, and tanks.
- **Chemical Cleaning Services**: We use a variety of chemicals to chemically remove deposits from pipes, vessels, and tanks.
- **Waste Disposal**: We provide safe and environmentally responsible waste disposal services.
- **Container Management**: We manage the collection, storage, and disposal of containers.
- **Outage and Turnaround Services**: We help you prepare for outages and turnarounds with our comprehensive services.
- **Pipeline Services**: We offer advanced pipeline cleaning technology.
- **Material Processing**: We process materials to meet your specific needs.
- **Vacuum Services**: We provide vacuum cleaning and dewatering services.
- **Design and Engineering**: We help you design and engineer solutions to meet your specific needs.
- **Certification**: We help you achieve certification for your operations.  

We are committed to providing you with the best possible service. Our team of experts is dedicated to helping you meet your industry standards.
Chemical Cleaning is an efficient, safe, cost-effective way to remove corrosion, deposits, residual oils/greases and other obtrusive contaminants from tainted surfaces and equipment. Our processes can be used for passivation to eliminate fouling, oxidation, corrosion, and to improve the efficiency of a plant’s cooling tubes and boilers. We also perform bundle pulling and cleaning, decontamination, and deactivation of vessels and equipment.

Container Management — Clean Harbors’ Container Management is a complete solution for the storage, treatment, and disposal of chemical, fuel, and tank waste removal services. Our Container Management team provides services and solutions for the efficient and cost-effective, day-to-day management of hazardous and non-hazardous waste.

High Pressure Waterblasting — High Pressure Waterblasting equipment to remove unwanted deposits from various process vessels, tanks, and lines, including cooling tubes and boilers. We also perform bundle pulling and cleaning, decontamination, and deactivation of vessels and equipment.

Chemical Cleaning Services — Chemical Cleaning is an efficient, safe, cost-effective way to remove corrosion, deposits, residual oils/greases and other obtrusive contaminants from tainted surfaces and equipment. Our processes can be used for passivation to eliminate fouling, oxidation, corrosion, and to improve the efficiency of a plant’s cooling tubes and boilers. We also perform bundle pulling and cleaning, decontamination, and deactivation of vessels and equipment.

Containment Management — Clean Harbors’ Container Management is a complete solution for the storage, treatment, and disposal of chemical, fuel, and tank waste removal services. Our Container Management team provides services and solutions for the efficient and cost-effective, day-to-day management of hazardous and non-hazardous waste.

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First Things First: Your Health & Safety

At Clean Harbors, we understand that in today’s world, your refinery can make liability exposures, a risk you simply cannot afford to take. Safely, our company’s comprehensive and industry-leading safety and health programs, are employee-driven with a firm management commitment to meet the refining industry safety and environmental requirements for service providers.

Additionally, Clean Harbors' programs are continually reviewed by teams of safety professionals and quality assurance personnel, approved by OSHA 9073, and other customer-specific safety programs. Our training protocols and health and safety professionals are unparalleled in the industry. Our training programs and our overall approach to the health and welfare of our employees—as well as our customer employees—have been developed to keep your plant in operation with OSHA 9073 as a prerequisite for acceptance of all regulations, and maintain your exposure to all risks.

From our plants to our facilities in the field, our customer service is second to none. Clean Harbors adheres to all regulations and plays an active role in keeping us up with changing compliance standards or any changes in them. It is your source for the safe, efficient handling of the waste streams that come from various process streams, including waste from fuels blending, recycling and more. Cleanup, awareness and knowledge of site-specific regulations and waste handling are the foundation of our success, and your source for the safe and effective handling of waste streams. Use the waste stream resources, contacts and other useful information to meet the needs of your refinery customer's needs, and is your source for the safe, efficient handling of the waste streams that come from various process streams, including waste from fuels blending, recycling and more.

Benefit from Our Full Range of Services

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Committed to Your Business.

Tumkey Service—End to End
Clean Harbors manages important transportation and disposal needs across the country to provide services for our refinery and petrochemical customers. This allows us to maintain full accountability and business continuity when managing your important environmental projects—while you have confidence knowing the job is in one easily accessible and reliable source.

Look to Clean Harbors to handle everything, from planning and estimating to scheduling, cost tracking and sub-contractor management. Using a best practice approach that streamlines your costs and maximizes your own business continuity when managing your important environmental projects—while you have confidence knowing the job is with one easily accessible and reliable source.

Clean Harbors leverages its significant transportation and disposal assets across the country to provide turnkey service to our refinery and petrochemical customers. This allows us to maintain true accountability and business continuity when managing your important environmental projects—while you have confidence knowing the job is with one easily accessible and reliable source.

Apollo Onsite Services—Customized In-plant Services Program for Refineries and Petrochemical Plants
Clean Harbors Apollo Onsite Services offer customized in-plant staffing programs that glass, steel, and crane trained employees to your location to support your industrial and environmental air-water-waste, refineries and petrochemical plants. Apollo training teaches critical and non-productive projects. This industry-leading on-site solution allows you to focus your productivity (what you do best) as we make your entire in-plant services and environmental program safer, more cost-effective and self-sufficient (what we do best).

Apollo professional arrive each day at your facility to start their day’s work. A typical day in a refinery or petrochemical site for our Apollo teams is to encompass any number of diverse tasks: hazardous and non-hazardous waste management, regulatory compliance services, contractor tracking services, in-plant industrial maintenance, outage and turnaround, and emergency response.

Make your refinery safer, you have access to Clean Harbors services, dedicated in-the-environment, and any number of experienced 40-hour trained and certified workers to meet the needs of any situation.

We continually evaluate and track our project goals and provide regular feedback and evaluation via a proven metrics system to ensure customer satisfaction. As client needs change, we examine and cost-effectively adapt to meet those changes.

For Refinery and Petrochemical Services

7728-79700 (U.S.)
B056535500 (C. valued)
Or visit the Web at
www.cleanharbors.com

Making Your Business Safe and More Efficient
As your single source for industrial and environmental services, Clean Harbors will have a direct impact on your refinery or petrochemical plant:
• Improve productivity through maintenance and cleaning services that remove the burden on the rest of your staff
• Reduce risks and liability through proven, fully compliant environmental and industrial solutions and services
• Minimize downtime associated with periodic shutdowns or outages, through quick response and faster turnaround
• Maintain prepared for any and all emergencies using the most trusted and responsive team in the industry
• Simplicity and reduced costs by working with one company for full project management, with the way you do business.

Visit over three decades of providing reliable service, Clean Harbors is your first choice. Visit the Web at www.cleanharbors.com

Clean Harbors
Commitment. Leadership. Confidence.
Clean Harbors is North America’s leading provider of environmental, energy and industrial services serving over 52,000 customers, including a majority of the Fortune 500 companies, thousands of smaller private entities and numerous federal, state, provincial and local government agencies.

Clean Harbors has more than 175 locations, including over 50 waste management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico. The Company also operates management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico. The Company also operates management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico. The Company also operates management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico. The Company also operates management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico. The Company also operates management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico. The Company also operates management facilities, throughout North America in 37 U.S. states, seven Canadian provinces, Mexico and Puerto Rico.

Founded in 1980, Clean Harbors has grown to be the leading and most trusted environmental, energy and industrial services, and waste management company. Fully committed to preserving natural resources, serving local communities, and adhering to strict government regulations.

Lead to Clean Harbors to handle every aspect of your environmental, energy and industrial service management program.

Energy & Industrial Services
• Exploration Services
• Oilfield Services
• Petroleum Services
• Chemical Processing
• Nuclear Services

Environmental Services
• Water Disposal
• Recycling Services
• Chemical Processing
• Municipal Services
• Industrial Services

©Clean Harbors
Committed to Your Business.

Tumkey Service—End to End
Clean Harbors manages your important transportation and disposal needs across the country to provide timely service to our refinery and petrochemical customers. This allows us to maintain true accountability and business continuity when managing your important environmental projects—while you have confidence knowing the job is in one easily accessible and reliable source.

Look to Clean Harbors to handle everything, from planning and adhering to scheduling cost tracking and subcontractor management, using a best practice approach that streamlines your costs and maximizes your own staff’s productivity.

- Complete integration of services with your operations
- Full planning and scheduling services to ensure quality results—on time, on budget
- Company-owned and operated waste treatment and disposal facilities around the country to provide turnkey service to our refinery and petrochemical customers. This allows us to maintain true accountability and business continuity when managing your important environmental projects—while you have confidence knowing the job is in one easily accessible and reliable source.

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Turnkey Service—End to End
Eliminate third-party handoffs, reduce costs and liability

- Simplify and reduce costs by working with one company for full project management alignment with the way you do business.
- Remain prepared for any and all emergencies using the most trusted and responsive team in the industry.
- Minimize downtime associated with periodic shutdowns or outages, through quick response and faster turnaround
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- Simplify and reduce costs by working with one company for full project management aligned with the way you do business.

Marketing Your Business Safe and More Efficient
As your single source for industrial and environmental services, Clean Harbors will have a direct impact on your refinery or petrochemical plant:

- Improve productivity through maintenance and clean up services that remove the distraction on the rest of your staff
- Reduce risks and liability through proven, fully compliant environmental and industrial solutions and services
- Eliminate handoffs associated with periodic shutdowns or outages, through quick response and faster turnaround
- Maximize return on capacity and revenue.

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Eliminate third-party handoffs, reduce costs and liability

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Apollo Onsite Services—Customized In-Plant Services Program for Refineries and Petrochemical Plants
Clean Harbors Apollo Onsite Services offer custom designed in-plant staffing programs that glass, steel, and concrete workers, and, in your operator’s facility on site to support your industrial and environmental air water, waste, and petrochemical plants. Apollo’s teams handle projective and non-routine projects. This industry-leading on-site solution allows you to focus on your production (what you do best) or work on your entire in-plant services and environmental program safe, more cost-effective and self-sufficient (what we do best).

Apollo professional arrive each day at your facility to start their days work. A typical day in a refinery or petrochemical plant for our Apollo teams could encompass any number of diverse tasks: hazardous and non-hazardous waste management; regulatory compliance services; construction services; turnkey services, in-plant industrial maintenance; outage and turnaround services, and emergency response.

In almost every case, you have access to Clean Harbors services, dedicated in-plant equipment, and any number of experience 40 hour trained and cross-trained workers to meet both the day’s location and the day’s location.

We continue to evolve and track all program goals and provide regular feedback, and evaluation via a proven metrics system to ensure customer satisfaction. A client needs change, we react and cost-effectively adapt to meet those changes.

Clean Harbors

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Founded in 1980, Clean Harbors has grown to be the leader in environmental, energy and industrial services, and waste management company, fully committed to preserving natural resources, serving local communities, and adhering to strict government regulations.

Clean Harbors is your first choice. Visit the Web at www.cleanharbors.com

For Refinery and Petrochemical Services

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42 Longwater Drive
Norwell, MA 02061

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800.661.6689 (Canada)
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- Eliminate handoffs associated with periodic shutdowns or outages, through quick response and faster turnaround
- Maximize return on capacity and revenue.

Look to Clean Harbors to handle every aspect of your environmental, energy and industrial services management program.

Energy & Industrial Services

- Electric & Industrial Services
- Exploration Services
- Industrial Borring
- Ladle Services
- Filtration and Treatment Services
- Health and Safety Services
- Pans Service
- Transformer Services
- Transformer Services
- Water Disposal
- Recycling Services
- Chemical Processing
- Field Services
- Apollo Onsite Services
- Material & Supplies Sales
- Hazardous Waste
- Emergency Preparedness

Environmental Services

- Industrial & Environmental Management
- Environmental Services