



# CLEAN MEETS GREEN:

## WHAT THE E-MANIFEST SYSTEM MEANS FOR YOU

In an effort to improve on traditional paper-based manifests for hazardous waste transportation and disposal, the EPA has explored the concept of a voluntary, nation-wide electronic manifest system for the past 15 years. After conducting a multi-state pilot study in 2009, e-Manifest was signed into law in 2012 and will be available for commercial use in 2017.

### What It Is

The e-Manifest system will automate the current paper manifest process with the use of a computer or handheld device, consolidating manifest data into a centralized, national information bank. It will offer the ability to electronically collect, track and store

manifest information for each shipment of waste received as well as track the location of wastes from the point that it is picked up at the customer location to the point of ultimate disposal. While use of the electronic format will not be mandatory, traditional paper manifests must also be submitted to the e-Manifest system. This centralized system will permit greater flexibility and increased accuracy of reporting, and can accommodate both changes in legislation as well as emerging technology advancements.

### How It Works

e-Manifest submission requirements and procedures will generally remain consistent with existing regulations and will not create or require new tracking procedures. Data from paper manifests will be keypunched or uploaded into the data system to create a single, unified data system. A fee will be assessed to process both electronic and paper manifest data, supporting the system over the long term, including Phase II, which will offer additional user features such as biennial reporting and LDRs.

### Clean Harbors and e-Manifest

Clean Harbors and its Safety-Kleen subsidiary have been working with the EPA since 2001 on the development of a pioneering e-Manifest system. Through both our own



### SAVING TIME AND MONEY

The results of the 2009 EPA study indicated significant e-Manifest benefits including annual savings for users of over \$75 million, as well as a reduction in processing hours of 300,000-700,000.

42 Longwater Drive • PO Box 9149 • Norwell, Massachusetts 02061



A green approach to hazardous waste manifests. [Read more](#)  
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## CLEAN MEETS GREEN:

### WHAT THE E-MANIFEST SYSTEM MEANS FOR YOU

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Dear Name,

Here at Clean Harbors, we make every effort to ensure that you are up-to-date with industry developments that will impact your business, which will soon include your hazardous waste manifests. With the EPA's new e-Manifest system, you'll have the option to submit your manifests electronically, eliminating traditional forms and significantly reducing paper consumption. Plus, studies show that with e-Manifest, you can save time and money, too.

Ready to learn more? Simply download our latest [Eye on the Industry](#).

Sincerely,

Vic Belenchia  
Vice President, Chemical Industry, Clean Harbors

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### Clean Meets Green: What the e-Manifest System Means For You

In the works for the past 15 years, the EPA's e-Manifest system will make its debut in 2017. Designed to eliminate paper waste, improve tracking, reduce processing time and save millions of dollars, this voluntary program could have far-reaching impacts on chemical and industrial companies. [Download Now >](#)

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*Chemical and specialty chemical industry leaders:*

## Optimize *your* disaster planning.

Dear John Longlastname,

Disaster preparedness plans tend to focus on the initial response, but multiphase disaster planning includes preparedness, response and recovery. A new management briefing, [Optimizing Disaster Planning for Chemical & Specialty Chemical Plants](#), provides guidelines that can help your organization improve its plan.

**Is there an area where your plan could be stronger?**

Your complimentary copy of the new management briefing, [Optimizing Disaster Planning for Chemical & Specialty Chemical Plants](#), includes a checklist of items that are often overlooked. Ensure your preparedness plan addresses these critical items and [share the management briefing with your staff](#).

**We can help.**

As hazmat responders and recovery specialists, Clean Harbors can help with all your disaster preparedness, response and recovery needs, including containment area pump outs, product transfer and emergency waste removal. To learn more about our services, download our fact sheets or call us at 800.422.8998.

Sincerely,

Victor W. Belenchia  
Vice President, Chemical Industry



Complimentary  
Management Briefing

**Download Now**



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CHEMICAL AND SPECIALTY CHEMICAL INDUSTRY LEADERS:

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Disaster preparedness plans tend to focus on the initial response, but multiphase disaster planning includes preparedness, response and recovery. A new management briefing,

*Optimizing Disaster Planning for Chemical & Specialty Chemical Plants*, provides guidelines that can help your organization improve all phases of its plan.

## IS THERE AN AREA WHERE YOUR PLAN COULD BE STRONGER?

Your complimentary copy of the new management briefing, *Optimizing Disaster Planning for Chemical & Specialty Chemical Plants*, includes a checklist of items that are often overlooked, such as:

- ✓ New processes that have been introduced since you developed your plan
- ✓ Recent staff changes that may affect your plan
- ✓ Querying vendors on equipment/staff/services availability

Download the management briefing for the full checklist and ensure your preparedness plan addresses these critical items. Share the management briefing with your staff to get them thinking about their roles.



## 48 of the top 50 chemical companies in the U.S. use Clean Harbors services<sup>1</sup>

- As-Needed In-Plant Services
- Catalyst Handling
- Chemical Cleaning
- Container Services
- High Pressure Services
- Onsite Dewatering Services
- Pipeline Services
- Smart Pig Pipe Inspection
- Tank Cleaning
- Tray Tower, Column & Reactor Services
- Turnaround Services
- Ultrasonic Cleaning Services
- And more...

<sup>1</sup>As ranked in the May 3, 2010 issue of ENR News

## WE CAN HELP.

Clean Harbors offers a full range of disaster preparedness, response and recovery services, including containment area pump outs, product transfer and emergency waste removal. In fact, **48 of the top 50** chemical companies in the U.S. use Clean Harbors services.<sup>1</sup> Chances are, we're already one of your company's trusted vendors. Call us at **800.422.8998** to find out what else we can do for you.



Learn how to optimize every phase of your disaster plan – preparedness, response and recovery. Download your complimentary management briefing and checklist:

[www.name.CHPlanning.com](http://www.name.CHPlanning.com)

**CleanHarbors**

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Don't wait for a **disaster** to find out where your plan could have been stronger.