

CleanPack® Inventory Management System

Fact Sheet

Clean Harbors' CleanPack® Inventory Management System is used to complement our CleanPack Laboratory Chemical Packing Services to streamline the ordering, packaging, and shipping of your laboratory waste, while increasing effectiveness and improving data quality. Utilizing this proprietary system and laptop computers on-site, our professionally trained CleanPack chemists have the ability to execute all CleanPack orders containing lab pack items and profiled waste streams, and provide computer-generated manifests, packing slips, and labels. The system captures information that can be used in follow up reporting and cost allocation. CleanPack Inventory Management System provides -

Inventory Management

The CleanPack Inventory Management System allows our chemists to access the customer's created inventory, create a shipment, create containers, and print required shipping documents while on-site. The system maintains accurate inventory details by generator location including container number, shipping name, drum size, shipping volume, waste codes, days in location, and description. Profiled containers also include the profile number, profile status, and expiration date.

Waste Profiling and Management

While at the customer site, chemists can create new profiles or edit existing ones.

On-Site Printing of Required Shipping Documents

Using the CleanPack Inventory Management System and a portable impact printer, our chemists have the ability to generate all U.S. and Canadian documents required for shipping waste. PDF files can be downloaded for review.

Laboratory Chemical Packing / Chemical Database

Our chemists access a database with more than 150,000 unique chemicals as well as MSDSs for laboratory chemical packaging. They also electronically create, manage, and package complex lab pack items into disposal containers. Container packing lists can be downloaded or printed as a PDF file for shipment.



System Access

When at customer sites, CleanPack chemists can connect to the Clean Harbors network in three ways.

- **Employee Portal Access** is the preferred method as it allows employees access to certain features of the system and does not require a VPN connection. Connection is via SSL (*.cleanharbors.com, port 443) and requires employee authentication at logon. Our Print Paperwork SmartClient application uses a secure web service based on Microsoft Windows Communication Foundation (WCF) standards for .Net 3.5 applications or later.
- **VPN Access** connection method provides a high level of security, as well as full access to all features of the system. Clean Harbors uses Cisco VPN client software, which requires the UDP 500 and UDP 4500 ports to be open on the customer's firewall.
- **Wireless Air Card Access** is used when use of the customer's Internet connection is not available.

Customer Data Validation

Real-time data validation ensures profile status, pricing, and restrictions are applied for all waste streams. Only approved profiles with existing pricing are allowed to be shipped, and customer restrictions are also validated prior to generating shipping documents. This functionality ensures proper shipment to approved Clean Harbors TSDFs and facilities, and eliminates downstream receiving and invoicing issues.

Clean Harbors Online Services

Clean Harbors also offers customers free **Online Services** to help them manage their EH&S programs more efficiently at www.cleanharbors.com. Utilizing the **CleanPack Inventory Management System** and **Clean Harbors Online Services**, customers gain the ability to create and track drums, lab packs, and containers of all sizes throughout their facility, which can be accessed by our chemists for paperwork creation and shipment.