

# VACUUM SERVICES

## Getting the Job Done

### Liquid Vacuuming Services

Liquid vacuum trucks efficiently and cost-effectively remove and transport liquid and semi-solid waste materials from surface impoundments, tanks, and other vessels. PSC maintains a fleet of these trucks, located in our facilities across the United States, for hauling or transferring liquids and sludge, as well as for cleaning up hazardous and non-hazardous spills.

PSC's liquid vacuum trucks are equipped with pump capacities ranging from 250 to 1,200 cubic feet per minute (cfm). The waste material or product is pulled through flexible hoses, ranging from two- to four-inches in diameter, and collected in truck-mounted containers.

Large DOT-certified units, with capacities of up to 5,500 gallons, are generally used for off-site transportation of wastes. Smaller units, known as bobtails, can hold up to 3,000 gallons and are typically used within plant facilities to move materials into pits or temporary storage tanks. Many units have full rear-opening doors to simplify clean out at the conclusion of a project.

PSC handles a range of liquids and semi-solids, including both flammable and corrosive materials. Typically, these materials include oil skimmings, sludges, wastewater, leachate, drilling mud, spent coolants, and stock spills.

### Air Moving Services

PSC offers air moving services for collecting solid industrial wastes and salvageable materials from hazardous or difficult-to-reach areas. Using controllable suction velocities of 3,500 to 6,000 cfm, air movers convey almost any substance that will fit through an eight-inch hose, for a distance of up to 1,000 feet.

Our equipment is capable of handling a wide range of materials, wet or dry, hazardous or non-hazardous, with a consistency ranging from a fine powder to large chunks of concrete. Substances we typically handle include: ash, lime, grains, oil, ore dust, drilling mud, woodchips, and construction debris.

To optimize the use of air moving equipment and reduce project time, PSC developed vacuum tight container bins also known as "roll-offs." By attaching our air moving machines directly to the roll-off boxes, we avoid job interruptions normally required to empty the vacuum truck. When full, the roll-offs can be quickly removed and replaced with another, allowing the vacuum unit to continue operating while a roll-off truck transports the full container to a storage site or disposal area.

#### Service Applications Liquid Vacuum

- Corrosive Materials
- Flammable Liquids
- Oil Skimmings
- Sludges
- Wastewater & Leachate
- Spent Coolants

#### Air Moving

- Ash
- Carbon Black
- Filter Media
- Grease and Tar
- Rust and Scale
- Tank Bottoms
- Clarifier Bio-Solids
- Silica Sand and other
- Spent Abrasives



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An added benefit that PSC's vacuum equipment offers is the ability to transfer materials from vessel-to-vessel. This feature enhances the recovery of materials for reuse, promotes a greener environment, and reduces the amount of waste generated to help our clients avoid costly disposal fees.

Used most commonly to move materials within refineries and petrochemical facilities and to transport bulk wastes over the road, vacuum trucks are also frequently utilized to remove hydrocarbons from storage tanks as part of the cleaning process.

The versatility of our equipment allows us to make numerous specialty applications available to our clients. Our air movers can be combined with augers, sludge pumps, cyclone separators, and pneumatic unloading systems for a variety of specialized applications (for example, by using a cyclone separator unit with an air mover, the collected material can easily be drummed or bagged for specialized disposal requirements). Other air mover combination units are available for cleaning sewer lines, catch basins, and sumps.

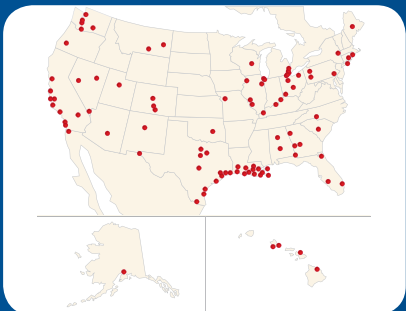
## Excellence in Environmental, Health and Safety Performance is Critical to Our Success

At PSC, excellence in environmental, health and safety performance is the foundation of everything we do. It is PSC's policy to conduct our business in a manner that safeguards and protects the people, environment and resources of the companies and communities we serve. By basing our operations on these core values, PSC provides our clients with more than mere services. We team with you to identify ways to reduce wastes, costs and liabilities while improving your process efficiencies, productivity and profits.

## Contact PSC Now

PSC provides industrial cleaning and environmental services coast-to-coast from our nationwide network of facilities. For more information or to discuss your specific needs, please contact your PSC representative or the PSC location nearest you.

For further information about PSC and any of its services, contact us at 877.772.6693.



With a nationwide network of locations supported by thousands of employees, PSC has the resources to serve its clients. PSC's staff possesses a unique expertise in industrial services, environmental & waste services, transportation services, oilfield services and container services. We are exceptionally qualified to meet all of our clients' needs.



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