

Truck or Rail Loading and Unloading of Liquid Materials

This activity applies to you if you receive shipments of bulk liquid materials by truck or rail and transfer those liquids into storage tanks or containers or handle the truck or rail loading of liquid materials from tanks. Spills and drips of these liquids can potentially contribute toxic organic compounds, oils and greases, nutrients, metals, and abnormal pH to stormwater runoff.

MINIMUM REQUIREMENTS

The following BMPs, or equivalent measures, methods, or practices, are required if you are engaged in loading and unloading of liquid materials:

1

Use drip pans underneath hose and pipe connections and other leak-prone spots during liquid transfer operations, and when making and breaking connections. Several drip pans should be stored in a covered location near the liquid transfer area so that they are always available, yet protected from precipitation when not in use. Drip pans can be made specifically for railroad tracks. Drip pans must be cleaned periodically, and drip-collected materials must be disposed of properly.

☞ See BMP Info Sheet 2 in Chapter 5 for information on disposal options.

2

Train employees in proper handling techniques during liquid transfers to avoid spills.

3

Required Routine Maintenance:

- Store and maintain appropriate spill cleanup materials in a location known to all. Ensure that employees are familiar with the site's spill control plan and/or proper spill cleanup procedures.

For more information or assistance in implementing these best management practices, contact the King County Department of Natural Resources and Parks Water and Land Resources Division at 206-296-1900.

Reader Note: The above requirements are the minimum required BMPs. If these BMPs fail to prevent discharges to the storm drainage system, you will be asked to take additional measures to correct the continued pollution discharges.