A-16: Truck or Rail Loading and Unloading of Liquid or Solid Material

Stormwater runoff (rainwater and snow melt) is the largest source of pollution to our lakes, streams and Puget Sound. King County requires businesses to implement measures to protect our shared waters. If the requirements below do not prevent pollution, additional measures are necessary.

Required BMPs

- Place drip pans underneath hose and pipe connections and other leak-prone spots during liquid transfer operations, and when making and breaking connections.
- Immediately clean up any material that has spilled during transfer operations.
- Have a current spill control plan.
- Train employees to follow proper loading and unloading procedures. Ensure that employees are familiar with the site's spill response and cleanup plans and/or proper spill cleanup procedures.
- Store and maintain appropriate spill cleanup materials in a location known to all.
- Conduct loading and unloading operations under cover if possible.

Required Routine Maintenance BMPs

- Clean drip pans as needed and dispose of contents properly.
- Check equipment for leaks on a regular basis and repair if needed.
- Sweep loading/unloading areas as needed. Never wash anything to the stormwater drainage system or the street.

Supplemental BMPs

- Pave areas where liquids are transferred to and from tanker trucks. Use Portland cement concrete for fuels that react with asphalt, such as gasoline.
- Install a curb or dike, or slope the area to prevent stormwater from running on to the loading/unloading area and washing away spilled material.

Additional Information

- Potential pollutants can include: hydrocarbons—such as gasoline and diesel, metals, nutrients, oil and grease, oxygen demanding substances, PCBs, pH, and other pollutants.
- *Stormwater Pollution Prevention Manual*, Chapter 5: Information Sheets
    - Disposal
    - Spill Response and Cleanup Plan

For more information or assistance contact the King County Stormwater Services at 206–477–4811 and visit kingcounty.gov/stormwater.