

## A-47 Older Fueling Operations

These BMPs apply to the fueling of vehicles and equipment, including gas stations and fuel pumps to service equipment or vehicles, where the fuel pumps were installed prior to July 1995. For new or remodeled fueling areas installed after July 1995, see Activity Sheet A-17 Fueling Operations. For mobile fueling operations see A-48 Mobile Fueling of Vehicles and Heavy Equipment. For farm and agricultural operations with above ground fuel tanks, refer to Activity Sheet A-2 Outdoor Storage of Liquid Materials in Stationary Tanks

**Best Management Practices (BMPs) are required by King County Code 9.12. If the BMPs included here are not enough to prevent contamination of stormwater, you will be required to take additional measures.**

### Required BMPs (Permanent Sites):

- Pave and contain the fueling area with Portland cement concrete with a sill or berm raised to a minimum of four inches to prevent the runoff of spilled liquids and to prevent run-on of stormwater from the surrounding area. Raised sills are not required at the open-grate trenches that connect to an approved drainage-control system.
- Cover (roof) the fueling area or in lieu of covering the fueling area (if the fuel pumps were installed prior to July 1995):
  - Maintain spill materials and drip pans at all times next to the fueling area; and
  - For non-retail fueling operations, post a sign stating that a drip pan must be used during fueling and that all spills and drip must be cleaned up immediately.
  - **Should subsequent inspections find evidence of spilled fuel on the ground or stormwater contamination, then the fueling area must be covered.**
- Convey stormwater collected on the fuel island containment pad to a sanitary sewer system, if approved by the sanitary authority; or to an approved treatment system such as an oil/water separator. Discharges from treatment systems to storm drains or surface water or to the ground must not display ongoing or recurring visible sheen and must not contain oil and grease.
- Alternatively, collect stormwater from the fuel island containment pad and hold for proper off-site disposal.
- Use drip pans or absorbent pads under all hose connections to capture drips or spills during fuel transfers.
- Post signs stating not to top off the fuel tank when filling. Post signs that ban customers and employees from changing engine oil or other fluids at that location.
- Prepare an emergency spill response and cleanup plan and have designated trained person(s) available either on site or on call at all times to promptly and properly implement that plan and immediately cleanup all spills.

### **Required Routine Maintenance (Permanent Sites):**

- 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 proper spill cleanup procedures.
- Sweep or vacuum fueling area as needed. Never hose down the fueling area to the storm drains.

### **Supplemental BMPs:**

- Use absorbent materials in or around storm drain inlets on the property to filter oily runoff. Used materials containing oil must be picked up by a qualified disposal contractor.
- Install a catch basin insert configured for oil removal. The oil absorbent filter media must retain absorbed oil during future storm events.

### **Additional Information:**

- Covering Information Sheet
- Containment Information Sheet
- Oil/Water Separators Information Sheet and Surface Water Design Manual
- Catch Basin Inserts – Information Sheet and the King County Surface Water Design Manual.
- Spill Response and Clean-up Plan Information Sheet

**For more information or assistance contact the King County Stormwater Services at 206-477-4811 and visit [kingcounty.gov/stormwater](http://kingcounty.gov/stormwater).**