

LOCAL WELLHEAD PROTECTION PROGRAM PLAN

Gas/Service Station Best Management Practices



- Oil and gas spilled onto paved areas are easily washed away by water, either from hoses or rainfall.
- Engine and brake residues contain antifreeze, grease, oil, copper, and even asbestos.
- Engine degreasers contain copper and brass.
- Lead, oil, and grease are residues of radiator flushing.
- Oil, grease, and detergents drain from car washing.
- Engine washing releases aluminum and iron.
- Brakes are a source of asbestos and cadmium washes from tires.

WHAT CAN YOU DO?

Fuel Dispensing Areas

- ☑ Maintain fuel dispensing areas using dry methods such as sweeping or use rags and absorbents for leaks and spills. Never wash down fueling areas unless the water is collected and disposed of properly. An adequate supply of absorbent materials should be kept on hand.
- ☑ Fit fuel dispensing nozzles with automatic shutoffs.
- ☑ Post signs at the fuel dispenser or fuel island discouraging vehicle owners/operators against “topping off” fuel tanks.
- ☑ Emergency shutoff switches should be plainly labeled.
- ☑ Underground storage tanks should be fitted with spill containment and overfill prevention systems.

General Facility

- ☑ Clean leaks and drips on a routine basis, and dispose of cleaning materials properly.
- ☑ Manage materials and waste to reduce adverse impacts on stormwater quality.
- ☑ Prepare and maintain a spill response plan. The plan should include an estimate of the maximum quantity of fuel that could be spilled in the event of an equipment failure, along with a plan to prevent it from reaching groundwater. The plan should describe containment and/or diversionary structures or equipment needed. Steps should be taken to ensure the necessary equipment, personnel and other resource availability.
- ☑ All employees should be trained (upon hiring and annually thereafter) on the spill response plan and proper disposal of waste.
- ☑ The facility should post a notification list including the names and contact information for local management, remote management, fire and police, local and state agencies that need to be notified and spill response contractors.
- ☑ Dispose of waste oil properly and recycle used oil filters (NC House Bill 1465 prohibits the disposal of oil filters in landfills).