



# Stormwater Pollution Prevention for Gasoline Stations

**This fact sheet provides information and Best Management Practices (BMPs) that are recommended for Gasoline Stations.**

## Potential Pollutant Sources

The following activities are potential sources of pollution from gas stations:

- Fueling Areas
- Dumpster Area
- Air Supply Area

Pollutants Include, but are not limited to:

- Heavy Metals (copper, zinc, and lead)
- Hydrocarbons (oil and grease)
- Toxic Chemicals (benzene, toluene)
- Trash and Litter

## Pollution Prevention

The following are effective pollution prevention activities:

- Use non-toxic cleaning substances,
- Reduce storm water flow across parking lots and redirect flow away from storm drains,
- Reduce the use of water to clean parking lots by using dry methods (sweeping), and
- Provide employee training for good housekeeping practices.

## Best Management Practices

The US Environmental Protection Agency (USEPA) definition of a BMP is a technique, process, activity, or structure used to reduce the pollutant content of a stormwater discharge. BMPs include simple, nonstructural methods, such as good housekeeping and preventive maintenance. BMPs may also include sophisticated, structural modifications, such as the installation of sediment basins.

## Recommended BMPs

### General

- ⇒ Contain wash water. Do not dispose of in the gutter or street.
- ⇒ Inspect for and clean leaks and drips routinely.
- ⇒ Label drains with the facility boundary to indicate whether they flow to a grease trap, sewer or storm drain.
- ⇒ Maintain good housekeeping practices on the site.

### Fueling Area

- ⇒ Use dry clean up methods to maintain fuel dispensing areas.
- ⇒ Position roof downspouts to direct water away from the fueling area.
- ⇒ Slope pavement near fueling areas to prevent ponding.
- ⇒ Install protective guards around tanks and piping to prevent spills.

### Dumpster Area

- ⇒ Use water tight receptacles and keep lid closed.
- ⇒ Grade the area to prevent run on of stormwater.
- ⇒ Install a roof over the area
- ⇒ Install low containment berms around the area.
- ⇒ Empty dumpsters frequently.

### Spill Clean Up

- ⇒ Develop and maintain a spill response plan.
- ⇒ Have a supply of spill clean up materials
- ⇒ Spot clean leaks and drips daily
- ⇒ Use very little water when cleaning up leaks or spills.
- ⇒ Keep spills from entering the street and storm drains.