

# PREVENT STORMWATER POLLUTION



## Best Management Practices for Fueling Stations



Fueling stations seem to be located on every street corner. Not only are fuel islands located in convenience stores and gas stations but they are also located at some work sites. Training for station managers and employees should be provided to specifically address spill-related activities including spill containment, response and notification. Allowing spills to enter streets and stormdrains could seep into the ground and potentially pollute our desert washes and the environment. This action is punishable by fines of up to **\$27,500 per violation per day**.

### Fuel Islands

- Use spill containment and overfill prevention systems. Clean up spills immediately.
- Designate catchment areas sized to intercept spills.
- Add vegetated buffer strips.
- Use proper disposal bins or drums for waste cans or cartons from automotive products.
- Use signage to identify Emergency Shut off valve.
- Grading the surrounding site so stormwater run-on is directed away from the fueling area.
- Reduce exposure of the fuel area to stormwater by roofing over the pump stations.
- Inspect the fueling area to detect problems before they become discharges.
- Do not hose the fueling area or use water and detergents to clean up. Use dry clean-up methods.
- Maintain a Spill Clean-up Kit for use on small spills and leaks.
- Train employees on proper clean up and on emergency procedures for large spills.

### Bulk Liquid Storage and Containment

*(If your facility has above ground storage tanks the following is required by federal regulations)*

- When possible, use double walled tanks for all above ground tanks.
- Store permanent single walled tanks in a paved area surrounded by a berm system that provides sufficient containment, at least 110 percent of the volume of the largest tank.
- Maintain good integrity of all storage tanks.
- Regularly inspect storage tanks for potential leaks and perform preventive maintenance.
- Inspect piping systems (pipes, pumps, flanges, couplings, hoses, and valves) for failures or leaks.
- If the total petroleum products stored on site exceeds 1,340 gallons, a site specific Spill Prevention, Control and Countermeasure (SPCC) plan is required. See 40 CFR 112.7 for specifics.

### Stormdrains are for Rainwater, Pure and Simple.

For further information regarding best management practices, contact the City of Tucson's Department of Transportation Stormwater Management Section at (520) 791-4251



Department of Transportation  
Stormwater Management Section



