

Storm Water Best Management Practices for Industrial Sites

Did you know that there are two sewer systems?

- The **sanitary sewer** collects waste water from homes, business and industry from sinks, toilets and other outlets. It goes to the water treatment plant for treatment.
- The **storm sewer** collects runoff from streets. There is no treatment for the storm sewer; storm water goes into the ground and eventually into the ground water. Anything dumped or left in the street or gutter is pollution that can enter retention basins where children and pets play and from there can infiltrate and contaminate our ground water.

Discharges that can introduce pollutants into our waterways through storm water runoff *include soaps, automotive fluids, litter, sediment, pesticides and many other materials washed off roadways, sidewalks, buildings, vehicles and other equipment.*

Dry wells are for the disposal of storm water only and **must** be registered with the state. If pollutants are present at your site and likely to enter the dry well, the state requires that you obtain an Aquifer Protection Permit (APP). For more information on permits, please contact ADEQ's Water Quality Department at (602) 771-2300.

Your business may be required to comply with the Federal and State Storm Water requirements by filing a Notice of Intent (NOI) and preparing a Storm Water Pollution Prevention Plan (SWPPP). Check with the Arizona Department of Environmental Quality (ADEQ) to determine if your facility falls under these requirements (www.adeq.state.az.us/environ/water/permits/azpdes.html). Also, please see Gilbert's stormwater ordinance (1590) at <http://gilbertaz.gov/departments/human-resources/environmental/stormwater-quality/municipal-permits>

Best Management Practices for Industry

Outdoor Material Storage:

- Confine storage of materials, parts and equipment to designated areas
- Use secondary containment around all liquid storage areas
- Inspect tanks for leaks and repair promptly
- Train employees in proper procedure as well as spill prevention and response, and waste management & disposal.
- Keep lids closed on all containers (raw materials and wastes) except when adding or removing materials
- Maintain an inventory of all materials and wastes
- Store flammable, ignitable or reactive liquids according to local fire code
- Clearly label all drums, tanks and other containers
- Practice good housekeeping in storage areas
- Wash and rinse containers indoors prior to storing outdoors

Outdoor loading and unloading:

- Use a designated area for all loading and unloading activities
- Close storm drains during loading/unloading activities
- Inspect containers prior to loading or unloading
- Do not load/unload materials in the rain
- Berm, curb or dike around loading/unloading areas
- Use drip pans under liquid products when loading/unloading
- Use dry clean-up methods instead of washing with water
- Train employees on proper loading/unloading techniques

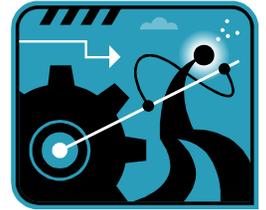
Spill Management:

1. Stop the source immediately
2. Contain any liquid until cleanup is complete
3. Use booms if the spill has to potential to reach water
4. Cover and clean up the spill with absorbent material
5. Keep area well-ventilated
6. Dispose of clean up materials properly
7. Do not use emulsifier or dispersant on the spill

Environmental Services
4760 S. Greenfield Rd.
Gilbert, AZ 85297
480.503.6497

www.gilbertaz.us/environment





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