



PREVENT STORM WATER CONTAMINATION

Best Management Practices for

Section AE -Vehicle & Equipment Mobile Cleaners

SIC Codes NAICS #s 811192



General Information:

1) Commercial and industrial wash water is prohibited from entering the storm drain system street or any other outside area. 2) Federal and State Storm Water regulations require the City to reduce the kinds and amount of pollutants that enter our storm drains, rivers and washes from rainwater and other sources. 3) Water from any source that contains contaminants is prohibited from entering the storm drain system which includes streets, catch basins (street grates), ditches, washes and rivers. 4) All washing activities that use soap, solvents, degreasers or any other chemicals must be hauled to a landfill or discharged into the sanitary sewer through a sand/oil interceptor or approved pretreatment device. 5) City Ordinance requires all commercial and industrial facilities that have "potential" to pollute, to develop and implement a Storm Water Management Plan (SWMP). 6) Non-Hazardous Liquid Waste Haulers can be found in the Phoenix Yellow Pages under Septic Tank Cleaning.

Transportation-Related washing, fleet washing, exterior only with or without soap

- ◆ Wash water must be contained on-site and discharged through an interceptor to the sanitary sewer or hauled to an appropriate landfill.
- ◆ Seal the storm drains with an impervious material and collect/vacuum the wash water to a holding tank.
- ◆ Untreated wash water may kill landscaping plants. Do not use it for landscape irrigation.
- ◆ Use a wash rack to capture the wash water. If the rack has a sand/oil interceptor, ask the owner's permission to discharge the wastewater into the first compartment of the interceptor. This only applies to water from the immediate wash process.
- ◆ If the wash water is transported from the wash site, it may be discharged into the first stage of a sand/oil interceptor at the contractor's place of business.
- ◆ If wastewater is contained on-site and can not be discharged to an interceptor, arrangements must be made to have it picked up by an authorized NHLW Hauler.

Engine and Equipment degreasing, with or without soap

- ◆ All wash water must be discharged to the sanitary sewer or an appropriate landfill.
- ◆ Use a wash rack to capture the wash water. If the rack has a sand/oil interceptor, ask the owner for permission to discharge the wastewater into the first compartment of the interceptor. This only applies to water from the immediate wash process.
- ◆ If the wash water is transported from the wash site, it may be discharged into the first compartment of a sand/oil interceptor at your (the contractor's) place of business.
- ◆ Untreated wastewater may kill plants. Do not use it for landscape irrigation.
- ◆ Seal the storm drains with an impervious material and collect/vacuum the wash water.

- ◆ If wastewater is contained on-site and can not be discharged to an interceptor, arrangements must be made to have it picked up by an authorized NHLW hauler.

Acid cleaning of unpainted trucks and containers

- ◆ Wash water is not allowed in the storm drain, street or landscaped areas.
- ◆ Seal the storm drains with an impervious material and collect/vacuum the wash water. Lab analyses may be needed.
- ◆ Acid detergents must be neutralized (pretreated) to a pH between 5.0 and 10.5 before discharging to the sanitary sewer. Diluting the wash water is not an acceptable pretreatment.

Truck trailer, interior cleaning (food related)

- ◆ Use dry cleaning methods. Sweep, shovel and dispose of debris as garbage.
- ◆ Use a wash rack to capture the wash water.
- ◆ Wash water must be discharged to the sanitary sewer through a sand/oil interceptor or an appropriate landfill.

Truck trailer, interior (toxic substances)

- ◆ Seal all storm drains with an impervious material and vacuum/pump the water to a holding tank for lab analyses.
- ◆ Use a wash rack to capture the wash water.
- ◆ Pretreatment is required before wash water is discharged to the sanitary sewer. Call 262-1859 (Water Services Dept.) for more information.

Drive-throughs, driveways, parking areas, and service stations with light oil, frequently cleaned - without soap

- ◆ Direct wash water to landscaped areas or sanitary sewer.
- ◆ Sweep, shovel and dispose of debris as garbage before washing.
- ◆ Dry clean oil spots with absorbent and dispose as garbage when it will no longer pick up oil.

Drive-throughs, driveways, parking areas and service stations with heavy oil deposits with or without soap

- ◆ Seal storm drains with an impervious material.
- ◆ Sweep, shovel and dispose of debris as garbage.
- ◆ Dry clean oil spots with absorbent and dispose as garbage when the absorbent will no longer pick up oil.
- ◆ Untreated wash water may kill plants. Do not use wash water for landscape irrigation.
- ◆ Use a wash rack to capture the wash water. If the wash area has a sand/oil interceptor, ask permission from the owner to discharge the water into the first compartment of the interceptor. This only applies to water generated by the immediate wash process.
- ◆ If the wash water is transported from the site, it may be discharged into the first compartment of a sand/oil interceptor at the contractor's place of business.
- ◆ If the wash water is contained and can not be discharged to an interceptor, arrangements must be made to have the wastes picked up by an authorized NHLW hauler.

Auto detailing - with or without soap

- ◆ Do not use untreated wastewater for landscape irrigation.
- ◆ Use a wash rack to capture the water. If the wash rack has a sand/oil interceptor, get permission from the owner to discharge the wastewater into the first compartment of the interceptor. This only applies to water generated by the immediate wash process.
- ◆ Use a temporary dike or berm similar to children's plastic swimming pool and discharge to the sanitary sewer.
- ◆ If the wastewater is contained and can not be discharged into an interceptor, arrangements must be made to have the wastes picked up by an authorized NHLW hauler.
- ◆ Soapy water remaining in buckets should be discharged to the sanitary sewer through a sink, toilet, clean-out or wash rack.
- ◆ If the wash water is transported from the site, it may be discharged into a sand/oil interceptor at your (the contractor's) place of business.

Car Lot rinsing for dust removal - without soap

- ◆ Rinse water is not allowed in the storm drain. Direct rinse water to landscaped areas or the sanitary sewer.

- ◆ Use drip pans under leaking vehicles and dispose of the oil properly. See the Automotive Repair and Maintenance BMP or call the Storm Water Management section at 256-3190 for more information.
- ◆ Place oil absorbent booms (bags) around storm drains

Training

- ◆ Train personnel on chemical use, safety and waste disposal practices.
- ◆ Train all personnel at least annually on storm water and the SWMP BMP's.

Storm Water Pollution Prevention Plan (SWPPP) or Storm Water Management Plan (SWMP)

- ◆ Develop and implement a SWPPP or SWMP.
- ◆ All SWMP's must be submitted to the City for approval.

Inspections

- ◆ Conduct an inspection of the facility of the areas listed below at least quarterly as part of the maintenance program in addition to the BMPs listed above.
- ◆ Areas to inspect include the following in addition to all other BMPs list here:
 - ◆ Material storage and handling areas.
 - ◆ Liquid storage tanks, drums, cans.
 - ◆ Vehicle maintenance, cleaning and fueling.
 - ◆ Equipment and processing areas.
 - ◆ Complete the storm water BMP checklist.
 - ◆ Review BMPs after each inspection and modify them and the SWPPP or SWMP as needed.

If a spill occurs:

- ◆ **Stop the source of the spill immediately.**
- ◆ **Contain the spill until cleanup is complete.**
- ◆ **Use containment booms if the spill may reach water or a storm drain.**
- ◆ **Cover a liquid spill with an absorbent material.**
- ◆ **Keep the area well ventilated.**
- ◆ **Dispose of clean-up materials properly.**
- ◆ **Do not use an emulsifier or dispersant.**

The BMPs found on this page are paraphrased from Federal Storm Water documents 40CFR122, 1995 or later.

Storm Water



Management
A member of **STORM**
Stormwater Outreach for
Regional Municipalities

Only Rain in the Storm Drain!

602-256-3190

or 602-495-0334 in Spanish

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Email: stormwtr.str@phoenix.gov



City of Phoenix

STREET TRANSPORTATION DEPARTMENT
STORM WATER MANAGEMENT SECTION

Upon request, the Street Transportation Department will make this publication available through appropriate auxiliary aids or services to accommodate an individual with a disability by calling 602-256-3190; or faxing a request to 602-495-2016.