



# PREVENT STORM WATER CONTAMINATION

## *Best Management Practices for*

### Section Z - Leather Tanning and Finishing Facilities



SIC Codes: 3111

#### General Information:

1) Federal and State Storm Water regulations require the City to reduce the quantity of pollutants that enter our storm drains, rivers, and washes from rain water and other sources. 2) Water from any source that contains contaminants is prohibited from entering the storm drain system which includes streets, pipes, catch basins (street grates), ditches, washes, parks, and rivers. 3) Commercial and industrial wash or wastewater is prohibited from entering the storm drain system, street or any other outside area. 4) All washing activities that use soap, solvents, degreasers or any other chemical must be hauled to a landfill or discharged into the sanitary sewer through a sand/oil interceptor or approved pretreatment device. 5) City Code 32C requires any person or business that has a "potential" to pollute storm water, to develop and implement a Storm Water Management Plan (SWMP). 6) The BMPs listed here are not inclusive, and must be tailored for your facility. See 40CFR122 Section 6.Z.3 October 30, 2000 for additional required BMPs.

#### Temporary Outdoor storage of fresh or brine cured hides

- ◆ Store hides indoors if possible.
- ◆ Cover the hides with a roof or temporary covering (e.g. tarps, polyethylene, etc.)
- ◆ Minimize storm water run-on by enclosing the area or building a berm around the area.

#### Beamhouse Operations and Tan Yards

- ◆ Store chemical drums and bags, empty lime and depilatory chemical containers indoors if possible.
- ◆ Cover chemical drums and bags, empty lime and depilatory chemical containers and leather scraps with roof or temporary covering and store on an elevated impermeable surface.
- ◆ Install curbing, dikes, or berms around chemical storage, empty lime and depilatory chemical containers and leather scrap storage areas.
- ◆ Inspect areas regularly for leaking drums, broken bags, proper implementation of good housekeeping and control measures, broken dikes, material inventory, material storage and operation and maintenance.
- ◆ Clean up leaks and spills quickly and completely, use drip pans for leaking equipment.

- ◆ Sweep all paved areas regularly.
- ◆ Eliminate unnecessary flushing with water.
- ◆ Label all chemical drums and containers.
- ◆ Train all employees on good housekeeping practices and chemical handling procedures.

#### Retan and wet finish

- ◆ Dust reduction through frequent inspection of vacuum, collector bag (bag and cyclone), and filter systems.
- ◆ Enclose or cover the area to reduce dust.
- ◆ Inspect and maintain the dust collection system regularly.
- ◆ Sweep all paved areas regularly.
- ◆ Label drums and container.
- ◆ Eliminate unnecessary flushing with water.

#### Dry finish

- ◆ Inspect spray booths regularly.
- ◆ Repair broken or faulty items as needed.

#### Shipping and receiving

- ◆ Cover loading and unloading areas with a roof or tarp.
- ◆ Cover trucks with a roof.
- ◆ Locate truck in such a way to prevent spills that may fall to the ground.
- ◆ Grade, berm or curb the area to prevent run-on.

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- ◆ Divert rain gutters away from the loading and unloading area.
- ◆ Clean spills immediately.
- ◆ Inspect trucks and lifts for leakage regularly.
- ◆ Train employees on spill prevention.

#### Training

- ◆ All employees should be trained in the following areas at least once per year.
  - ◆ Spill response
  - ◆ Good housekeeping
  - ◆ Material management practices
  - ◆ Procedures for equipment and container washing.

#### Inspections

- ◆ Conduct routine quarterly storm water inspections and during wet weather within 24 hours after a rain event.
- ◆ Complete the BMP checklist during each inspection.
- ◆ At a minimum inspect all of the BMPs listed above.
- ◆ All structural and non-structural BMPs.
- ◆ All areas exposed to precipitation will be visually inspected for evidence of or the potential for pollutants entering the storm drain system.
- ◆ Structural BMPs (berms and dikes) will be inspected to ensure they are operating correctly.

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

- ◆ Develop and implement a SWMP or SWPPP.
- ◆ All Storm Water Plans (SWMP or SWPPP) must be submitted to the city for approval.
- ◆ SIC codes in this class must submit an industrial Notice of Intent (NOI) to ADEQ.

#### If spills occur:

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

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**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.