

PREVENT STORMWATER CONTAMINATION



Best Management Practices for Automotive Salvage Yards (SIC Code –5015)



General Information:

1. Based on the Standard Industrial Classification (SIC) code of 5015, automotive salvage yards are required to notify the State of Arizona of its intent to discharge pollutants to waters of the United States and agree to comply with applicable terms and must maintain conditions established under the Multi-Sector General Permit.
2. Regulated facilities must develop and implement a Stormwater Pollution Prevention Plan (SWPPP) and file a Notice of Intent (NOI) to the Arizona Department of Environmental Quality (ADEQ).
3. The City of Tucson's Stormwater Management Section can provide guidance materials to assist you in complying with Federal and State regulations

The following are Best Management Practices (BMP's) for various activities that may take place at automotive salvage yards.

Dismantling and Vehicle Maintenance

- Drain all fluids from vehicles upon arrival at the site. Segregate the fluids and properly store or dispose of them.
- Maintain an organized inventory of materials used in the maintenance shop.
- Keep waste streams separate (e.g. waste oil and mineral spirits). Non-hazardous substances that are contaminated with hazardous substances are considered a hazardous substance.
- Recycle and anti-freeze, gasoline, used oil, mineral spirits and solvents.
- Dispose of greasy rags, oil filters, air filters, batteries, spent coolant and degreasers properly.
- Label and track the recycling of waste material (e.g. used oil, spent solvents, batteries).
- Drain oil filters before disposal or recycling.
- Store cracked batteries in a non-leaking secondary container.
- Promptly transfer used fluids to the proper containers. Do not leave full drip pans or other open containers around the shop. Empty and clean drip pans and containers.
- Do not pour liquid waste down floor drains, sinks or into outdoor storm drain inlets.

- Plug floor drains that are connected to the storm drain or sanitary sewer system. If necessary, install a sump that is pumped regularly.
- Inspect the maintenance area regularly for proper implementation of control measures.
- Filter stormwater discharges with devices such as oil/water separators.
- Train employees on proper waste control and disposal procedures.

Outdoor Vehicle, Equipment and Parts Storage

- Use drip pans under all vehicles and equipment waiting for maintenance and during maintenance.
- Store batteries on impervious surfaces. Curb, dike or berm this area.
- Confine storage of parts, equipment and vehicles to designated areas.
- Cover all storage areas with a permanent cover (e.g. roofs) or temporary cover (e.g. canvas tarps).
- Install curbing, berms or dikes around storage areas.
- Inspect the storage yard for filling drip pans and other problems regularly.
- Train employees on procedures for storage and inspection items.

Vehicle, Equipment and Parts Washing Areas

- Avoid washing parts or equipment outside.
- Use phosphate-free biodegradable detergents and dispose of wash water in the sanitary sewer.
- Consider using detergent-based or water-based cleaning systems in place of organic solvent degreasers.
- Designate an area for cleaning activities.
- Contain steam cleaning wash waters or discharge under an applicable NPDES permit.
- Ensure that wash waters drain well.
- Inspect cleaning area regularly.
- Install curbing, berms or dikes around cleaning areas.
- Contact Pima County Industrial Wastewater Management at 579-5771, to determine whether a wastewater permit is required.

Liquid Storage in Above Ground Containers

- Maintain good integrity of all storage containers.
- Install safeguards (such as dikes or berms) against accidental release at the storage area.
- Inspect storage tanks to detect potential leaks and perform preventive maintenance.
- Inspect piping systems (pipes, pumps, flanges, couplings, hoses and valves) for failures or leaks.
- Train employees on proper filling and transfer procedures.

Improper Connections to Storm Drains

- Plug all floor drains if it is unknown whether the connection is to storm drain or sanitary sewer systems. Alternatively, install a sump that is pumped regularly.
- Perform dye testing to determine if interconnections exist between sanitary sewer system and storm drain system.
- Update facility schematics to accurately reflect all plumbing connections.
- Install a safeguard against vehicle wash waters and parts cleaning waters entering the storm drain unless permitted.
- Maintain and inspect the integrity of all under ground storage tanks; replace when necessary.

- Train employees on proper disposal practices for all materials.

Stormwater Pollution Prevention Plan (SWPPP)

- Develop and implement a SWPPP.
- All regulated facilities must submit a Notice of Intent (NOI) to ADEQ.

Inspections

- Conduct an inspection of the facility at least quarterly and complete the stormwater BMP checklist.
- Review BMPs after each inspection and modify them and the SWPPP as needed.

If Spills Occur:

- ***Stop the source of the spill immediately.***
- ***Contain liquid until cleanup is complete.***
- ***Deploy oil containment booms if the spill may reach the street or waterways.***
- ***Cover the spill with absorbent material.***
- ***Keep the area well ventilated.***
- ***Dispose of clean-up materials properly.***
- ***Do not use emulsifiers or dispersants.***

Storm Drains are for Rain Water, Pure and Simple.



Department of Transportation
Stormwater Management Section
(520) 791-4251