



City of Omaha

Industrial Best Management Practices

Sector M - Automotive Salvage Yards

SIC Codes: 5015



Automobile Salvage Yards

- ☛ Drain all fluids from vehicles when they arrive and store them separately
- ☛ Properly dispose of hazardous waste
- ☛ Use designated wash areas for cleaning automobile parts
- ☛ Immediately clean up spills using appropriate drying methods
- ☛ Cover and berm auto dismantling and material storage areas

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 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 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 storm water discharges with devices such as oil/water separators.
- ☛ Inspect the storage yard for filling drip pans and other problems regularly.

VEHICLE, EQUIPMENT AND PARTS WASHING AREAS

- ☛ Avoid washing parts or equipment outside.
- ☛ 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.
- ☛ Inspect cleaning area regularly.
- ☛ Install curbing, berms or dikes around cleaning areas.



IMPROPER CONNECTIONS WITH STORM DRAINS

- ☛ Plug all floor drains if it is unknown whether the connection is to storm drain or sanitary sewer systems.
- ☛ 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.
- ☛ Maintain and inspect the integrity of all underground storage tanks; replace when necessary.



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LIQUID STORAGE IN ABOVE GROUND CONTAINERS

- ◆ Maintain good integrity of all storage containers.
- ◆ Install safeguards (such as diking or berming) against accidental releases 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

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.

TRAINING

- ◆ All employees shall be trained in the following areas and on BMPs in the SWMP at least once per year.
- ◆ Proper washing procedures.
- ◆ Proper disposal practices for all materials.
- ◆ Procedures for storage and inspection items.
- ◆ Proper filling and transfer procedures.
- ◆ Spill response
- ◆ Good housekeeping
- ◆ Material management practices
- ◆ Procedures for equipment and container washing.

INSPECTIONS

- ◆ Conduct an inspection of the facility at least quarterly.
- ◆ Complete the storm water BMP checklist.
- ◆ Immediately inspect all vehicles upon arrival for leaks.
- ◆ Look for signs of leakage quarterly.
- ◆ Inspect all equipment containing oily parts, hydraulic fluids, or any other type of fluids.
- ◆ All liquid storage areas, including antifreeze, oil, brake, transmission fluid, etc.
- ◆ Review BMPs after each inspection and modify them and the SWPPP or SWMP as needed.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP) OR STORM WATER MANAGEMENT PLAN (SWMP)

- ◆ Develop and implement a SWPPP or SWMP.
- ◆ All regulated facilities must submit a Notice of Intent (NOI) to NDEQ.



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 the street or waterways.
- ◆ Cover the spill with absorbent material.
- ◆ Keep the area well ventilated.
- ◆ Dispose of clean-up materials properly.
- ◆ Do not use an emulsifier or dispersant.



Contacts

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