

Hazardous Waste

Proper Storage

- ❖ Separate liquid wastes. Many unmixed fluids can be recycled through hazardous waste disposal contractors.
- ❖ Store hazardous materials or wastes in spill containment and under cover to prevent contact with stormwater.
- ❖ Provide secondary containment for **ALL** liquid hazardous material or waste storage ≥ 55 gallons.

Refer to NAS Jacksonville Hazardous Waste Management Plan.



Handling and Disposal

- ❖ Use a proper funnel when pouring liquid into recycle/disposal drum or storage tank.
- ❖ Clean up **ALL** oil drips/spills during oil collection.
- ❖ **DO NOT** pour liquid/fluid waste into floor drains, sinks, storm drain inlets, or other sewer connections.
- ❖ Recycle used motor oil, oil filters, anti-freeze, batteries, lubricants, tires, and metal filings.

Keep Safety Data Sheets on Site!

SDSs provide useful information about product contents, hazards, and cleanup guide. Know which products used on site are hazardous and keep the SDS for each regulated product easily accessible.



Prevent Leaks and Spills!

Proper Automotive Fluid Handling

- ❖ Place drip pans under leaky vehicles to capture fluids - schedule maintenance!
- ❖ Regularly inspect vehicles and equipment for evidence of leaks.
- ❖ Use absorbent cleaning agents instead of water to clean work areas.
- ❖ Drain fluids (unused gas, transmission and hydraulic oil, brake and radiator fluid) from vehicles or parts in storage.
- ❖ Conduct automotive fluid handling indoors or undercover in a designated area with no connection to the storm sewer.



Your stormwater program contact:
NAS Jacksonville Public Works Environmental Office:
Stormwater Manager
904-542-8129

General Guide: Stormwater Pollution Prevention at Vehicle Maintenance and Repair Shops



Naval Air Station Jacksonville, Florida



The best management practices (BMPs) presented in this brochure apply anywhere vehicles or equipment are stored, maintained, or washed. This includes facilities that conduct any of the following activities: fluid changes; parts lubrication; engine, mechanical, transmission, steering, brake or body repair.



Cleaning Spills

- ❖ Use dry methods for spill cleanup (i.e., sweeping and absorbent materials).
- ❖ Locate spill response equipment close to fluid handling and storage areas. Properly dispose of saturated absorbent materials according to the NAS Jacksonville Hazardous Waste Management Plan.
- ❖ Follow the Spill Prevention, Control, and Countermeasure (SPCC) Plan. Be sure that all employees are aware of the plan and capable of implementing spill response procedures.
- ❖ Report all spills with potential stormwater exposure to the NAS Jacksonville Public Works Environmental Office.



Cleaning Auto Parts

- ❖ Scrape parts with a wire brush instead of liquid cleaners.
- ❖ Arrange drip pans, drying racks, and drain boards to direct fluids back into a parts washer or fluid holding tank.
- ❖ Never wash parts or equipment in a shop sink, parking lot, driveway, or roadway.



Automotive / Big Equipment Washing

- ❖ Use a designated washing rack to prevent oil, sediment, and other toxic pollutants from entering the storm drains. Designated wash racks should be bermed or protected from storm drains and should drain to an oil/water separator before discharging to the sewer.
- ❖ Use phosphate-free biodegradable detergents.
- ❖ Conserve water! Use a bucket or a close-grip nozzle handle (not a running hose) to wash and rinse vehicles.



Oil/Water Separator Maintenance

Automotive repair or fueling facilities are often equipped with an oil/water separator. These must be properly maintained with an annual maintenance schedule that includes pumping and cleaning of the system.

This brochure was developed to educate NAS Jacksonville personnel who conduct vehicle/equipment maintenance activities about stormwater pollution prevention in accordance with the Phase II Municipal Separate Storm Sewer System (MS4) Generic Permit and the Florida Multi-Sector Generic Permit (MSGP) for Storm Water Discharge Associated with Industrial Activity.



Good Housekeeping

- ❖ Sweep/vacuum daily; use only a damp mop for general cleanups; avoid hosing down work areas; seal the shop floor with impervious materials, if possible.
- ❖ Conduct daily inspection of vehicles and vehicle maintenance/parking areas for any wastes, trash, debris, leaks, or spills.



Eliminate Illicit Discharges

- ❖ Plumbing from indoor sinks and floor drains should discharge to the sanitary sewer system not the storm drainage system.
- ❖ Facility operators should eliminate any illicit discharge / drain connections immediately.
- ❖ Regularly inspect points of discharge from the facility for evidence of potential illicit discharges. Flows during dry weather may indicate an illicit connection or discharge.
- ❖ Report suspected illicit connections or discharges to the NAS Jacksonville Public Works Environmental Office.