

Vehicle and Equipment Maintenance

PURPOSE:

Vehicle and equipment maintenance procedures are designed to minimize the discharge of grease, oil, solvents, and other pollutants of concern used during vehicle and equipment maintenance operations into storm drains and waterways.

IMPLEMENTATION:

- Offsite maintenance facilities should be used as much as possible.
- When maintenance offsite is not practicable, a designated maintenance area away from drainage ways must be used. Maintenance areas must be identified on the Storm Water Pollution Prevention Plan (SWPPP).
- Locate designated maintenance areas a minimum of 50 feet away from concentrated flows of stormwater, drainage ways, and inlets.
- An impermeable surface should be used at the designated maintenance area.
- Containment should be built around the designated maintenance areas to prevent the release of waste water.
- A spill clean up kit should be located at each designated maintenance area.
- For larger equipment, such as cranes and excavators that are not able to travel to a designated maintenance area, in the field maintenance may be necessary. Drip pans or absorbent pads should be used for in the field maintenance operations. A spill clean up kit should also be available during in field maintenance operations. Partial containers of oil, antifreeze, hydraulic fluids, grease, etc. must be returned to their designated storage areas for proper storage.
- Oil, antifreeze, hydraulic fluids, grease, etc. should be stored on pallets and covered to prevent any contact of storm water or precipitation. Enclosed storage containers may also be used.
- Used oil, antifreeze, hydraulic fluid, grease, spill cleanup materials, batteries, etc. should be recycled or discarded properly.
- The contractor should train his/her employees and subcontractors in proper maintenance and spill cleanup procedures. These procedures must be documented in the SWPPP.

INSPECTION/MAINTENANCE:

- Designated maintenance areas should be inspected for spills and leaks each day they are used. Any spills or leaks are to be cleaned up immediately.
- Vehicles and equipment should be inspected for leaks daily.
- Vehicles and equipment should be kept clean to prevent the build up of excess grease and oil.
- Any leaks or spills discharged through a drainage system will require the preparation of an Incidence of Non-Compliance (ION).
- Update the SWPPP anytime a designated maintenance location has been removed, relocated, added, modified, or required maintenance.