



# Pollution Prevention

## Automotive Best Management Practices



<b>Goal</b>	Zero Waste! Dry Shop! Green Business!
<b>Vehicle Washing</b>	Recycle wash water or take vehicles to an approved car wash that recycles the water. Discharge to landscaping if only a few vehicles are washed per day. Do not allow any washwater runoff to storm system. Install sand/oil separator prior to discharge to the sanitary sewer. Separator must have permanent cover and area bermed to prevent stormwater from entering sewer system. Water at wash station must be metered. A permit is required for discharge to the sanitary sewer from auto body/wash. Properly maintain and service all pretreatment equipment including sumps, separators, grease traps. Keep manifests of the hauled waste on file at the facility for three years. Contact wastewater treatment facility if other treatment options are requested.
<b>Parts Washing</b>	Provide a centralized, dedicated parts-cleaning station. Preclean parts by scraping. Dispose of waste cleaning through a licensed waste hauler or treatment contractor.
<b>Proper Waste Disposal</b>	Identify and properly manifest hazardous wastes, including waste paints, thinners, solvents, cleaning fluids, coolants, used oil and gasoline, and rags saturated with solvents and gasoline. Send rags to an industrial laundry. Do not wash at home.
<b>Prevent Unauthorized Discharges</b>	Eliminate or permanently seal all floor drains in service areas. Disconnect non-bathroom sinks from the sewer and connect them to holding tanks. Post signs prohibiting pouring parts-cleaning solutions, solvents or automotive fluids into sinks and toilets. Collect all metal shavings, dust and paint chips from grinding, shaving, sanding and paint stripping operations and dispose of properly prior to area wash down. Sweep and vacuum metal filings, dust, paint chips, etc. and dispose of waste properly. Clean drain sumps and catch basins regularly and dispose of waste properly.
<b>Fluid Changes and Fueling Operations</b>	Perform fluid changes in a designated area for employees and individual customers (do-it yourselves). Designated area shall not drain into sewer or storm drain.
<b>Leaks</b>	Remove parts slowly after immersion in a solvent or cleanser to prevent spillage. Reduce drips and spills by providing drip pans, drain boards and drying racks at parts-cleaning stations, then return drainage to parts-washing equipment.

<p>Reuse, Reduce, Recycle</p>	<p>Segregate fluids. Do not mix crankcase oil, brake fluid, antifreeze, solvents or contaminate any of these with water or other wastes. Segregated wastes can be recycled. Commingled wastes can contaminate cleaning fluids and require expensive destruction. Use off-site recycling. Collect and reuse water used in flushing and testing radiators, parts cleaning solvents and wash solutions. Collect cleaning wastes in enclosed sinks or tanks and pay for recycling and treatment, or pick-up and disposal. Use hydrophobic (oleophilic) mops for cleaning floor &amp; oil spills. Use commercial laundry for rags.</p>
<p>Treatment</p>	<p>Meet discharge standards through use of treatment equipment or zero discharge. Perform periodic inspections and routine maintenance of your treatment system. Sample and analyze wastes discharged to the sanitary sewer for compliance with the sewer permit. Avoid discharging wash water solutions by contracting with an authorized off-site treatment facility.</p>