



WYOMING DEQ VOLUNTARY REMEDIATION PROGRAM

WYOMING


These best management practices (BMPs) are intended to provide some ideas for the content of Pollution Prevention Plans (P2 Plans) and relay helpful information which could minimize generation of wastes and releases of contaminants. A variety of wastes may be mentioned in the BMPs. BMPs are not a comprehensive guide for waste management compliance. For example, the owner/operator should be more familiar with the quantities and characteristics of their own wastes and should seek out other available resources for requirements such as determining whether a particular waste should be managed as a non-hazardous waste or a more strictly regulated "hazardous waste." More complete regulatory citations and guidance are available from other, separate resources within WDEQ, including the Wyoming Hazardous Waste Rules, located at the following link: http://deq.state.wy.us/shwd/HWRules_z03.asp, and the Wyoming Solid Waste Rules, located at the following link: http://deq.state.wy.us/shwd/SW/SWRules_z03.asp

In the case of used oil, please be aware that used oil is regulated under Chapter 12 of the Wyoming Hazardous Rules and Regulations found on the website at:

<http://deq.state.wy.us/shwd/HW/HWPCA/Hazardous%20Waste%20Rules.asp>, and Wyoming Solid Waste Rules, found on the website at: http://deq.state.wy.us/shwd/SW/SWRules_z03.asp

In addition to regulations, general help with interpretations and guidance can also be found at the following link: <http://deq.state.wy.us/shwd/I&C/index.asp>

Solvent - Vehicle Maintenance - Parts Cleaning Suggested Best Management Practices (BMPs)

Questions to Consider	Suggested Best Management Practices - BMPs
Have you considered switching solvent parts washing equipment for aqueous-based cleaning equipment?	<p>Aqueous cleaners are non-flammable, safer to use, reduce air pollution and can last longer than solvent-based products. Spray cabinets and ultrasonic aqueous units can also save on labor and cost.</p>  <p>Using an aqueous-based parts washer.</p>
Are solvent tanks placed at convenient locations near work areas to reduce drips and spills?	Minimizing drips and spills helps to reduce the amount of solution you lose and reduces the amount of spills around the work area.
Do you pre-rinse or wipe off dirty engine parts?	Cleaning excessive sludge and oil off parts before cleaning in your hot tank will extend the life of your solution. Wipe off excess grease using mechanical cleaning methods, including wire brushing.
Does your parts washer have a rack to allow parts to drain into the cleaning tank for a few minutes after cleaning?	Allowing time for solvent to drain from the parts will prevent spills or drips when the parts are moved to the work area. Fluid loss is also reduced when as much fluid as possible is allowed to drain back into the cleaning tank.

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Is your parts cleaning tank kept closed when not in use?	A lid on an open tank will help prevent evaporation, especially if the tank is heated.
Have you considered owning on-site recovery equipment, such as a distillation or evaporation unit?	Shops that use multiple parts washers or generate large amounts of contaminated aqueous wastes may find it economically feasible to purchase on-site equipment that can treat or recycle aqueous waste. This step may help to significantly reduce the volume of waste that is generated, and help to reduce waste disposal costs.
Have you considered using a detergent-based cleaning solution instead of a caustic solution when you are cleaning?	Many aqueous solutions have less toxic characteristics and can be disposed of at a lower price.
Does your parts washer remove the sludge and solids from your cleaning solution and reactivate the remaining solution for reuse?	When purchasing parts washer tanks, consider systems with recirculating and filtration systems. Parts washers equipped with mechanical filtering systems designed to remove sludge, or equipped with oil skimming options, may extend the effectiveness of the cleaning solution (up to one to two years for some systems).
YOUR IDEAS FOR YOUR BUSINESS	SEE THE TOOLBOX INTRODUCTION ON WAYS TO START YOUR P2 PLAN. IT'S YOUR RESPONSIBILITY TO PREVENT CONTAMINATION AND POLLUTION FROM HAPPENING AT YOUR BUSINESS. IF A SPILL HAPPENS ANYWAY, YOU MUST BE IMPLEMENTING A POLLUTION PREVENTION PLAN TO BE ELIGIBLE FOR DEQ'S VOLUNTARY REMEDIATION PROGRAM.