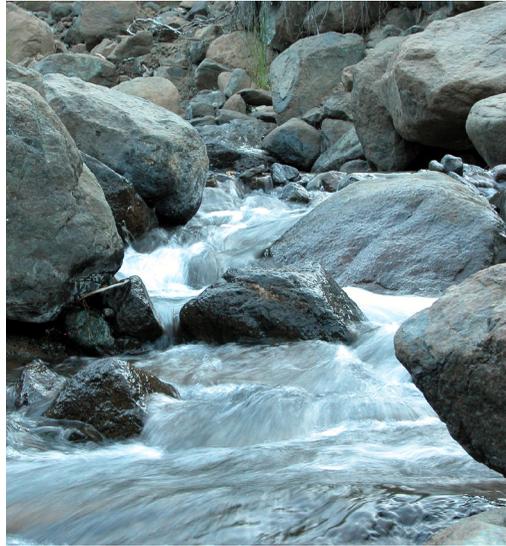




Responding to Spills and Leaks



Spills and leaks can result from accidents or may be identified during monthly self-inspections of your business. Safe and fast response to chemical spills and leaks helps protect your employees and business as well as water quality.

Effective spill response requires three things:

- A clear and concise spill cleanup plan
- Training for all employees who handle chemicals
- A spill kit designed for the types of chemicals your business uses.

Spill cleanup plan

Different chemicals may require different cleanup steps. Typical cleanup actions are:

1. Put on protective gear. Follow directions for use that are written on labels, or on Material Safety Data Sheets that often accompany chemicals when purchased.
2. Put tipped containers upright to stop the source of the spill.
3. Use tools in your spill kit (described on the next page) to prevent spreading. Stop spills and leaks from reaching storm drains, sewer drains, surface water, or soil.
 - For small spills, absorb with rags or a dry mop.
 - For large spills, cover drains and block doorways until chemicals can be absorbed. Consider installing barriers.
 - Do not clean up spills by hosing surfaces with water.
4. If there is any residue on the floor, use a mop bucket with biodegradable soap, or a small amount of oil absorbent material, such as kitty litter. Save oil absorbent material for reuse, if possible.



Stormwater Pollution Prevention Program for Automotive Businesses

Watershed Management
 Laura Dose
 Environmental Specialist
 503-618-2578
 Laura.Dose@GreshamOregon.gov

CITY OF GRESHAM

Make sure that your spill cleanup plan identifies the following information:

- Cleanup actions and precautions for all types of chemicals on-site
- The names and contact information for all employees in charge of cleanup, including replacing spill kit supplies, and ensuring signs are visible and updated
- The names and contact information for a qualified emergency response contractor, for when employees cannot conduct a safe, thorough cleanup
- Reporting information:
 - Report to the Oregon Emergency Response System at 1-800-452-0311 for over 42 gallons of oil spilled on land, any amount of oil spilled in water, or any hazardous material.
 - If you are unsure whether to report, call 911 for assistance.

Update your spill cleanup plan annually, to make sure it is current with all of the chemicals that your business uses. Your cleanup plan should be included in your business' Stormwater Pollution Prevention Plan (SWPPP).

Train all employees that handle chemicals

Make sure that all employees know how to properly clean up spills that may occur in your business, including how to use protective gear. Assign someone on-site to ensure that training is scheduled every year. More information can be found at: http://www.orosha.org/pdf/rules/division_2/div2_h.pdf.

Spill cleanup kits

Make sure spill cleanup kits are easy to reach, and that every employee knows where they are located. Kits should contain adequate supplies to clean and contain spills that might occur in your business, for example:

- Mop and bucket for spills and leaks only (not general cleaning)



✓ Barrier to prevent spill runoff from spreading



✗ Oil on asphalt



✓ Employee training



✗ Paint on asphalt (spill)

- Washable cloth rags
- Absorbent “booms” to surround spills, absorbent pads, or absorbant material to cover spills
- Storm drain covers
- Storage containers for spill clean-up wastes (don’t mix wastes)
- Storm drain markers
- Protective gear such as latex gloves. Read product labels and Material Safety Data Sheets to find out what protective gear is needed.

Display emergency contact names and numbers and reporting information at the location of the cleanup kit. Kit supplies can be purchased at most automotive supply or hardware stores, or on-line.



Storm drain marker



Spil Kit



Absorbant material



Mop and bucket for spills and leaks only



Temporary booms

More Spill Prevention and Response BMPs...

	Best Management Practice (BMP)	Approximate Cost - = No Cost \$ = <\$100 \$\$ = \$100-250 \$\$\$ = >\$250	Ease of Application 1 = Easy 2 = Moderate 3 = Difficult	Maintenance Needed?
<input type="checkbox"/>	Spill response contacts - Post the list in your Stormwater Pollution Prevention Plan (SWPPP)	-	1	Yes ¹
<input type="checkbox"/>	Spill response supplies - Label and locate near liquid storage and work areas	\$-\$\$	1	Yes ²
<input type="checkbox"/>	Follow instructions - Read spill response section of MSDSs for all purchased products	-	1	No
<input type="checkbox"/>	Drip pans - Use to capture spills and leaks	\$	1	Yes
<input type="checkbox"/>	Dry absorbent materials - Use to clean up spills and leaks			
	• Absorbent powders for antifreeze spills	\$	1	Yes ²
	• Neutralizer/absorbent powders for acid/base spills	\$\$	1	Yes ²
	• Rice hulls or kitty litter for oil spills	\$	1	Yes ²
	• Reusable rags for oil spills	\$	1	Yes ²
	• Use wringable pads and/or booms specific to chemical spilled	\$-\$\$	1	Yes ²
<input type="checkbox"/>	Know where drains discharge - City staff can help	-	1	No
<input type="checkbox"/>	Storm drains - Label so employees and customers know they end at streams. City can provide markers	-	1	No
<input type="checkbox"/>	Drain covers - Use to block spills from entering	\$-\$\$	1	No
<input type="checkbox"/>	Training - Include spill response and environmental topics in staff meetings; pollution prevention often translates into greater profits	-	1	No
<input type="checkbox"/>	Contractors - Select fuel supply and other contractors that are trained in spill response	-	1	No
<input type="checkbox"/>	Spill Response Plan - Have a plan for all types of chemicals that your business uses	-	2	Yes ¹
<input type="checkbox"/>	Stormwater Pollution Prevention Plan - Have a SWPPP plan for your business. City staff can help.	-	2	Yes ¹

¹Update as needed

²Restock as needed