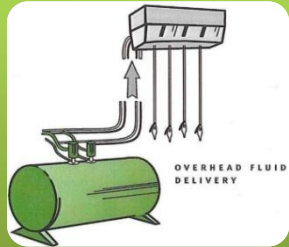




SPILL PREVENTION TIPS



Pour Carefully - Use:

- Overhead delivery system
- Funnel drum covers



Collect Drips – Use:

- Drip pans under vehicles and parts
- Collect liquids separately & recycle.



Store Liquids Properly:

- Keep lids closed at all times.
- Keep barrels on spill pallets
- Cover outdoor barrels



- Keep spill kits near & ready to use.
- Sweep floors daily.
- Every day - check containers for leaks.

Call Metro Water Services Storm water at 880-2420 to report a spill that gets into the storm drain or for more information.



Spill Clean Up

BEFORE A LEAK OCCURS

- The very first step is to verify that all floor drains route through an oil/water separator to the sanitary sewer and not the storm sewer system.

1. Stop the Spill

- If a pipe is leaking, shut it off.
- If a drum has turned over, roll it so the hole is at the top, if you cannot pick it up.
- If a part is leaking, turn it so that liquid is not leaking out or put a drip pan under it.

2. Contain the Liquid

- Place a leak pan under the leak.
- Place absorbent material around the spill area so the liquid cannot spread further.

3. Clean Up

- Use a vacuum, squeegee, dustpan, or dedicated mop to clean up most of the spill.
- Use a rag or other absorbent to clean up the remaining liquid.

4. Store the Collected Liquid

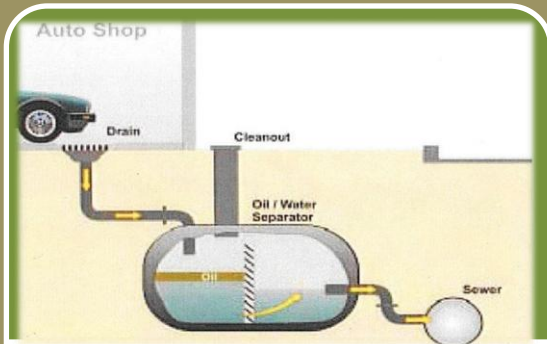
- Store spilled liquid in a separate and clearly marked container for reuse, recycling, or disposal.

If you suspect that the spilled liquid has entered a storm drain or was not otherwise fully contained, immediately contact Storm Water at 880-2420 and report that a spill has occurred.

Auto Washing – Best Management Practices

NEVER allow wash water to enter a storm drain

it is a violation of Metro Code § 15.64.205 and punishable by an administrative penalty.



Best:

Designated wash bay with oil/water separator draining into the sanitary sewer.



Good:

Construct a **cleaning platform** with an integral containment sump for holding wash water. Wash water is either treated and discharged into the sanitary sewer or taken off site for proper disposal.



Acceptable:

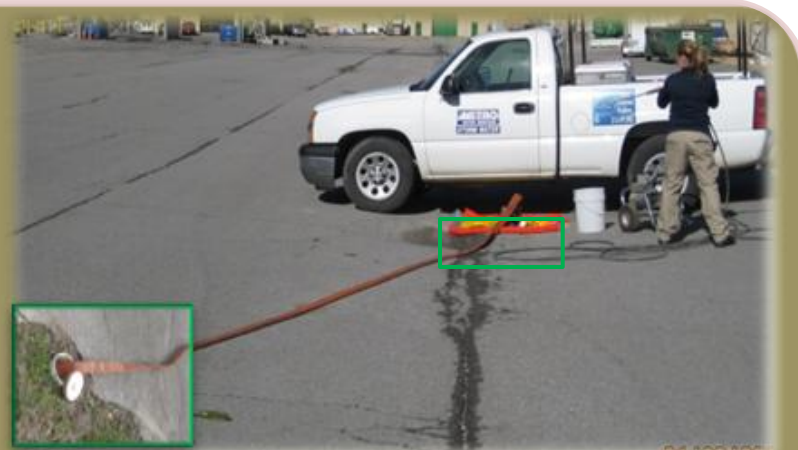
Find and **block the storm drain** so that wash water cannot enter the drain. Direct used wash water into the sanitary sewer cleanout.

** Used wash water must have a pH between 5- 10 before entering the sanitary sewer. Call 862-4590 for more information .



Call Metro Water Services Storm water at 880-2420 to report a spill that gets into the storm drain or for more information.

Acceptable On Site Auto Washing Procedures



1. BLOCK THE STORM DRAIN

NEVER allow wash
water to enter a
storm drain

**it is a violation of Metro
Code § 15.64.205 and
punishable by an
administrative penalty.**



2. COLLECT THE WASH WATER

Use a hose and pump to
collect the used wash
water.





Note: Mobile truck wash
contractors are required to
collect and dispose of used
wash water. They are not
allowed to dispose of wash
water on site.






3. DISPOSE OF USED WASH WATER





Direct used wash water
into the sanitary sewer
cleanout on your property
or discharge over a grassy
area.

**Used wash water must have a pH
between 5- 10 before entering the
sanitary sewer. Call 862-4590 for
more information .

**Call Metro Water Services Storm water at 880-2420 to report
a spill that gets into the storm drain or for more information.**

| For Hazardous Liquids | Do This | How to Store | Disposal Options |
|---|---|--|---|
| Cleaning solution, parts washing fluid, brake cleaner, carburetor cleaner, different sorts of solvents. | <ul style="list-style-type: none"> -Try to use a less hazardous cleaning system (enzyme cleaners, hot tanks, aqueous solvents, spray cabinets, mechanical cleaners, ultrasonic). -Re-circulate cleaning solvents/fluids through a filter | <ul style="list-style-type: none"> - Store all sludges and spent solvents in a closed container labeled “WASTE SLUDGE” | <p>Do not dispose of fluids in a storm drain, septic tank, dry well, or sanitary sewer system</p> <p>Option 1: State of TN mobile collection sites accept small quantities of materials (55 gal drum or less). Always call TDEC before delivering 615-532-9265.</p> <p>For larger quantities, use the pick-up service.</p> <p>Option 2: Contact a Hazardous waste hauler to take the material off-site.</p> <p>See service provider table.</p> |
| Gasoline.  | <ul style="list-style-type: none"> - Use the gasoline for other purposes such as to power a chainsaw or weed eater. | <ul style="list-style-type: none"> - Store gasoline in a labeled container that is approved for gasoline storage. Label “WASTE GASOLINE” | <p>For larger quantities, use the pick-up service.</p> <p>Option 2: Contact a Hazardous waste hauler to take the material off-site.</p> <p>See service provider table.</p> |
| Paints and Paint solvents.  | <ul style="list-style-type: none"> - Mix up only enough paint to do the job. -Use High Volume Low Pressure spray guns and low VOC paint - Clean paint gun in a fully enclosed spray gun washer. | <ul style="list-style-type: none"> - Store paint cans closed. -Pour un-usable paints and used paint gun cleaning solvents into a closed container labeled “WASTE PAINT.” | <p>Option 2: Contact a Hazardous waste hauler to take the material off-site.</p> <p>See service provider table.</p> |
| For Non-Hazardous Liquids | Do This | How to Store | Disposal Options (also see service provider table) |
| Transmission fluid, hydraulic fluid, gear oils, differential oil, crude oil products, used motor oil. (non-hazardous if recycled)  | <ul style="list-style-type: none"> -Remove fluids from vehicle or parts making every possible attempt to prevent spills. -Use drip pans. -Use funnels for liquid transfers -Drain filters by using proper draining methods, see below. -Do not put un-drained filters in the dumpster. | <ul style="list-style-type: none"> -Store liquids in drum labeled, “USED OIL”. -Keep drained filters in a container marked “USED TRANSMISSION FILTERS.” -DO NOT USE containers that previously stored bleach, gasoline, paint, solvents, or other household chemicals - DO NOT MIX with solvents or gasoline or antifreeze | <p>Option 1: Contact a Non-Hazardous waste hauler to take the material off-site.</p> <p>Note: On-Site Environmental will allow some drop-off's. Call them before dropping off anything. Ron Hall's Service Center accepts drop-off's of used crude oil.</p> <p>See service provider table.</p> |
| Antifreeze. (non-hazardous if recycled)  | <ul style="list-style-type: none"> - Use dedicated antifreeze collection equipment, such as funnels. DO NOT use this equipment with any other chemicals. It is ideal to use an on-site closed loop recycling equipment. | <ul style="list-style-type: none"> -Store in a drum labeled, “WASTE ANTIFREEZE”. -DO NOT store any other chemicals in this drum. | <ul style="list-style-type: none"> -Any HAZ waste hauler -January Environmental -Universal Environmental -Volunteer Oil |
| Wash Bay pit materials, oil/ water separators and tanks | <ul style="list-style-type: none"> -Utilize a closed-loop recycle system -Contain and haul off materials -Use multi stage filtration system | <ul style="list-style-type: none"> -Store solids in pit until it is 25% full. Then have it pumped out and brought to a Non-Haz waste processing facility. | <ul style="list-style-type: none"> -January Environmental -On-Site Environmental -Universal Environmental -Any HAZ waste hauler -OPS Contracting Svc. |

| Solid Waste | Do This: | How to Store | Disposal (also see service provider table) |
|---|--|--|--|
| <p>Oil filters and transmission filters</p>  | <ul style="list-style-type: none"> -Hot drain, crush, store -Dismantle, hot drain, store -Pressurized air drain, store -Puncture dome end of oil filter or puncture transmission filter anti-drain back –valve. <p>Allow filters to drain for 24 hours. Double bag drained filters in 3mm plastic and put in dumpster or don't bag and put into recycle bin.</p> | <ul style="list-style-type: none"> - Store used filters in a drum labeled "USED OIL FILTERS" | <ul style="list-style-type: none"> -January Environmental -Universal Environmental -Volunteer oil -Most of the HAZ waste haulers |
| <p>Batteries</p>  | <ul style="list-style-type: none"> - Monitor batteries for leaks -Have acid spill kits nearby for immediate clean-up of spills. | <ul style="list-style-type: none"> -Stack batteries on spill pallets no taller than four high with thick cardboard between each. | <ul style="list-style-type: none"> -Return used batteries to the place where the new batteries were purchased. -A Dead Battery Recycling 394-3395 -Ron Hall's Service Center 353-0326 -Interstate Batteries 405-8123 |
| <p>Shop rags</p>  | <ul style="list-style-type: none"> - Use washable towels from an industrial laundry service. Avoid using disposable towels. -Do not pour liquids onto used towels; this may create a fire or explosion hazard. - Do not throw dirty wipes, paper towels or rags into the dumpster if they have come into contact with solvents, oil, gasoline, or cleaners. | <ul style="list-style-type: none"> -Keep waste shop towels in a closed, fireproof metal container labeled "Used Shop Towels." -Keep towels moist with water to avoid spontaneous combustion -- <i>Special Note:</i> Towels used to clean up hazardous waste become hazardous waste and must be disposed of at a permitted hazardous waste disposal facility. | <ul style="list-style-type: none"> <u>Industrial Laundry Facilities</u> -Aramark Services (350-6930) -AlSCO (320-5575) -Cintas (228-3400) -Uni-First (255-0535) -Safety Kleen- (deals with disposable WypAll rags only) -January Environmental will allow oily rags in the used oil filter recycle bin. Call for details. |
| <p>Engine parts</p>  | <ul style="list-style-type: none"> -Repair as many engine parts as possible - Drain all fluids into waste disposal containers, not storm drains. | <ul style="list-style-type: none"> -Store parts inside or covered and away from storm drains and rain. | <ul style="list-style-type: none"> -Drain all fluids and recycle at scrap metal facility. See service provider table. |
| <p>Tires</p>  | <ul style="list-style-type: none"> -Do not accept excess tires -Do not burn tires -Do not throw tires into ditches or creeks - Avoid mosquito problems: Store tires with rims on. Use citrus oil or baking soda to kill mosquito larvae. | <ul style="list-style-type: none"> -Store in a dry area with proper TDEC permit. Current TN State law prohibits the storage and/or disposal of waste tires without a permit. Whole tires cannot be disposed of in a landfill. | <ul style="list-style-type: none"> -Recycle or take to county facility. -Call TDOC at 615-832-0045 for more tire information See service provider table |

| Services | Service Providers | Details |
|---|---|---|
| <p>HAZ waste pick-up or drop off</p>  | <p><u>CESQG Disposal Program:</u> TDEC provides mobile Hazardous Waste collection events for small business. The various locations and dates can be found at the link below: www.tn.gov/environment/swm/pdf/hazcoll.pdf</p>  | <p>Small business can also call Clean Harbors Environmental Services at 643-3170 or e-mail TNCESQG@cleanharbors.com to schedule a Hazardous Waste pick-up appointment. Contact TDEC Division of Solid and Hazardous Waste Management at 532-9265 for more information and a fee schedule.</p> |
| <p>Local Hazardous Waste Haulers Note: Davidson County <u>does not</u> have any hazardous waste processing facilities. Most haz waste is sent out of state.</p>  | <ul style="list-style-type: none"> -Safety-Kleen (333-1496) -SWS Environmental Services (291-9833) -American Enviro-Services (893-1900) -Hepaco Inc (882-0033) -U.S. Environmental Services Inc., (855-0010) -Heritage Crystal Clean (213-8435) -HazCo LLC (405-3519 or 672-5858) -FCC Environmental (901-774-7800) -Waste Broker Environmental (662-651-5300 or 662-213-6540) -TPM Inc. (366-4027) -Clean Harbors Environmental Services (643-3170) -Hazardous Waste Haulers (888-606-7763) -West Nashville Emergency Spill Response (350-5800) | <ul style="list-style-type: none"> -Almost all the haulers of HAZARDOUS WASTE also haul non-hazardous liquids and used oil filters. -Most HAZ haulers also vac out tanks of all sorts. -Many of the HAZ waste haulers also specialize in spill clean-up and contaminated site remediation. -U.S. Environmental Services Inc., Hazardous Waste Haulers, and West Nashville Emergency Spill Response will haul engine parts and tires. -Most Haz Waste haulers also take solvent soaked shop rags and used absorbents. |
| <p>Local Non-Hazardous Waste Haulers</p> | <ul style="list-style-type: none"> -January Environmental (242-3787) -On-Site Environmental (228-3901) -Universal Environmental in Murfreesboro(522-1809) -Volunteer Oil in Murfreesboro (904-6802) | <p>Most of these haulers will take non-hazardous products to On-Site Environmental or January Environmental in Davidson County.</p> |
| <p>Scrap Metal Recyclers</p>  | <ul style="list-style-type: none"> *PSC Metals (271-3300), *Bay Metal Inc.,(859-6970), *Sims Metal Management (350-7329), *Mid TN Metal Exchange (848-1727), *Express Auto Recyclers (793-9994), *PocketMoney Recycling (226-1464), *Shapiro Recycling (740-0337) *B C Recycling (364-6075) | <p>All recyclers will accept engine and car parts that have been properly drained of fluids. Pocket Money Recycling accepts only Al, Cu, and brass.</p> |
| <p>Tire Recycling</p>  | <p>County tire collection site on Cement Plant Rd. (727-5776 or 727-6933)</p> <ul style="list-style-type: none"> -B C Recycling (small disposal fee) (364-6075) -East Convenience Center (862-8631) -Anderson Convenience Center (860-2588) -A&D Tire Disposal (small disposal fee) (859-6885) | <ul style="list-style-type: none"> -Tire facility on Cement Plant Rd. charges \$100.00/ton to recycle tires. -East Convenience Center and Anderson Convenience Center accept 4 tires/month for free <p>For more information on tires visit: http://www.tn.gov/environment/swm/tires/</p> |

To be included, or have information updated, please contact Sonya Erickson 880-2420. Flyer was authored in conjunction with TDEC input. Contact TDEC at 615-532-8006 for assistance with employee education. For future flyer updates please see www.nashville.gov/stormwater/education.documents.asp. Flyer updated May 2012.