



Your Repair Shop Can Make a Difference



www.projectcleanwater.org

Did You Know?



Storm drains and sewers are two separate systems.

The Regulations

- **Federal Clean Water Act prohibits discharges of pollutants to the storm drain system. (1972 - US EPA)**
- **California Water Code established Water Quality Control Board (State of California)**
- **San Diego RWQCB permits local cities, and the County, Port District and Airport Authority**

The San Diego Permit

Requires agencies to:

- **establish stormwater inspection programs**
- **outreach / education to businesses**
- **use of Best Management Practices (BMPs)**
- **enforcement if needed.**

County and City Ordinances

- **Prohibit the discharge of non-stormwater into the storm drain system.**
- **Require businesses to implement best management practices (BMPs) to reduce or eliminate pollutants in runoff.**

Sources of Pollution

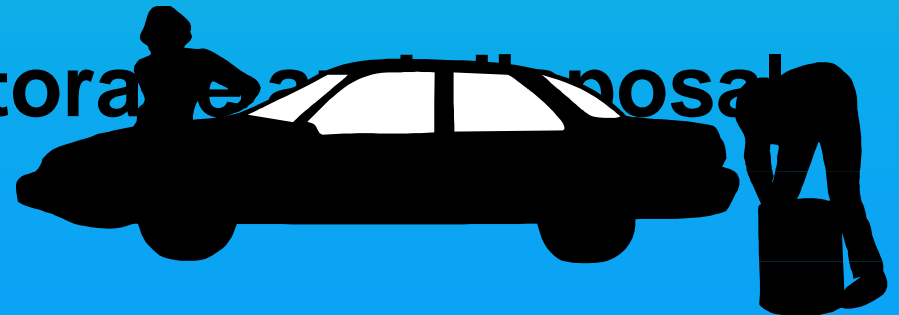


National Pollutant Discharge Elimination System (NPDES)

- NPDES initially targeted easily detected sources of water pollution such as municipal sewage and industrial process wastewater.
- Later added other sources like commercial shops, industrial sites, construction sites.

Potential Environmental Impact of Service Related Activities

- Changing fluids such as oil and antifreeze
- Washing parts
- Painting and sanding vehicles
- Storing materials and waste outdoors
- Litter and debris storage and disposal



Best Management Practices

Specific practical actions workers can take to prevent polluted runoff:

- Training
- Spill prevention
- Spill clean up
- Scheduling and
- Working indoors.

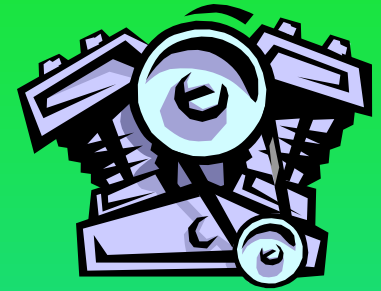
Changing Fluids



Fluids such as oil and antifreeze contain toxic chemicals and heavy metals

- Whenever possible, change fluids inside shop.
- When fluids are transferred use drip pans.
- Drain fluids from leaking or wrecked vehicles as soon as possible or place a drip pan under the vehicle to catch fluids.
- Keep rags available to wipe up small spills.

Washing Parts



Solvents are hazardous to employees & can ignite in sewers

- **Designate a specific indoor area to wash parts.**
- **Use self-contained units for parts washing.**
- **Use a licensed service to haul and recycle or dispose of spent solvent.**
- **Never wash parts on the ground or outside.**
- **Close containers when they are not in**

Vehicle Painting



Solvents, thinners, paints, and sanding wastes all cause problems for the sanitary sewer and the storm drain system.

- Conduct all body repair, sanding and painting work indoors, whenever possible.
- Use clean up methods like sweeping or a vacuum to clean up dust from sanding metals or body work.
- Do not use water to control over spray or dust in the paint booth unless your system is

Storing Materials



Appropriate storage protects storm drains

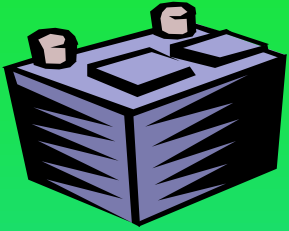
- Provide secondary containment for fluid containers and protect from rainfall.
- Keep lids on containers when not in use.
- Keep storage area clean and dry to detect spills more easily.
- Drain fluids from vehicles in long-term storage.

Litter and Debris



Good housekeeping makes it easier to detect spills and potential problems

- **Sweep or vacuum the shop floors and outdoor areas.**
- **Use a mop and bucket as an alternative to hosing down work areas and parking lots.**
- **Keep dumpster lids closed. Keep area around the dumpsters clean and free of debris.**
- **Do not pour liquids into the dumpster, on the ground, or in the street.**



The Inspection

Storm water inspectors will look for any possible pollutant that has the possibility of reaching our waterways.



Fluid Storage



POLLUTANTS

Parts Storage



**SHOULD BE COVERED
AND OFF THE GROUND**

Around your shop and outdoor areas



Before the inspector is there...

- ✓ Conduct a site self inspection to determine if you have problems or violations.
- ✓ Correct the items you identify as a problem.
- ✓ Train workers and keep a record of the training.
- ✓ Routinely sweep and clean shop and storage areas.



If you keep the shop & outside areas clean everyday and you'll be ready for the inspection on any day.



Resources



Project Clean Water

www.projectcleanwater.org

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The Shop Area

