

## Storage

Appropriate storage protects your shop from hazardous spills. Call Sacramento County Environmental Management Department, or BEREC for more details.

- Store hazardous materials and wastes indoors or where they are protected from rain, with secondary containment that prevents spills or leaks from reaching the sanitary sewer or storm drain.
- Keep fully stocked spill kits readily available.
- Keep dumpster lids closed and keep lids on waste barrels and containers. Store containers and dumpsters under cover to reduce exposure to rain.
- All hazardous wastes must be labeled according to hazardous waste regulations.
- Never mix waste oil with fuel, antifreeze, or chlorinated solvents. Keep wastes separate to increase your waste recycling/disposal options and to reduce your costs. Consult with your hazardous waste hauler for details.
- Keep storage areas clean and dry. Conduct regular inspections so that leaks and spills are detected as soon as possible.
- Carefully transfer fluids from drip pans or collection devices to designated waste storage areas as soon as possible.
- When receiving vehicles to be parted or scavenged, park them on a paved surface and immediately drain and collect gasoline and other fluids properly.
- Drain all fluids from components, such as engine blocks, which you may store for reuse or reclamation. Keep these components under cover and on a drip pan or sealed floor.

- Store batteries securely to avoid breakage and acid spills. Shelving should be secured to the wall. Store used batteries indoors to avoid contact with rainwater. Keep them in a plastic tray to contain leaks. Recycle old batteries using a licensed recycling service.
- Minimize the distance between waste collection points and storage areas.
- Recycle solvents, paints, oil filters, antifreeze, motor oil, batteries, and lubricants.
- Keep accurate records of all recycling and disposal.

## Hazardous Materials and Wastes

All hazardous materials and hazardous wastes must be stored, used, and disposed of according to (federal, state, and local laws, including, but not limited to, fire codes, hazardous materials waste laws, and zoning restrictions. Call the County's Environmental Management Department or BEREC for more details.

## Education and Training

Your success in following these guidelines depends on an effective training program.

Train all employees upon hiring and annually thereafter on stormwater compliance, personal safety, chemical management, and proper methods for handling and disposing of hazardous waste. Ensure that all employees understand appropriate disposal methods for different types of waste.

**NO DUMPING!**

## CALL FOR MORE INFORMATION



### Sacramento Stormwater Quality Partnership

(including the County of Sacramento and the cities of Sacramento, Citrus Heights, Elk Grove, Folsom, Galt, and Rancho Cordova)  
**(916) 808-4H2O (4426); [www.beriverfriendly.net](http://www.beriverfriendly.net)**

### FOR BUSINESS

*BEREC helps businesses understand and comply with environmental regulations. This business service is free and confidential.*

**Business Environmental Resource Center (BERC)**  
**(916) 874-2100; [www.sacberc.org](http://www.sacberc.org)**

**Non-emergency Illegal Discharges** (916) 808-4H2O (4426)

### Sanitary Sewer Discharges

Sacramento Regional County Sanitation District (Regional San)  
Wastewater Source Control Section (916) 875-6470  
City of Galt (209) 366-7260

### Hazardous Waste Disposal

Sacramento County (916) 875-8550  
City of Sacramento (916) 264-5011  
City of Citrus Heights (916) 727-4770  
City of Elk Grove (916) 627-3232  
City of Folsom (916) 355-8367  
City of Galt (209) 366-7260  
City of Rancho Cordova (916) 851-8710

### Stormwater Departments

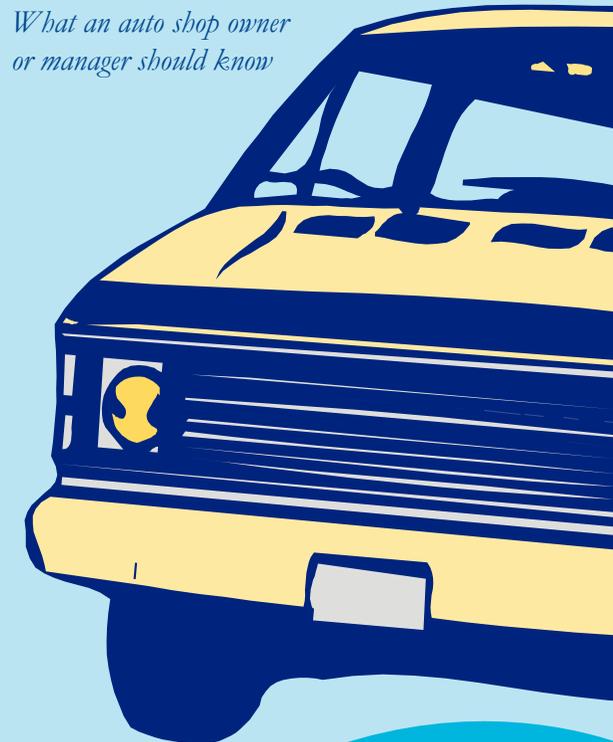
Sacramento County (916) 874-6851  
City of Sacramento (916) 264-5011  
City of Citrus Heights (916) 727-4770  
City of Elk Grove (916) 687-3005  
City of Folsom (916) 355-8344  
City of Galt (209) 366-7260  
City of Rancho Cordova (916) 851-8710

## AUTO REPAIR & MAINTENANCE (English)

*Stormwater Compliance for*

# Auto Repair & Maintenance

*What an auto shop owner or manager should know*



**SACRAMENTO STORMWATER QUALITY PARTNERSHIP**

## DISPOSE OF POLLUTANTS PROPERLY

It is important for auto repair shop owners, managers and employees to know that the discharge of pollutants from their shop's activities, either directly or indirectly, into the storm drain, or into surrounding water bodies, is prohibited by both local ordinance and state and federal law. Such discharges can result in severe penalties.

Pollutants of concern at auto repair facilities include

anti-freeze, hydraulic fluids, motor oil and other automotive fluids. Cleaning products, brake dust, and oil and grease from automobile parts are also significant pollutants.

In 2004, the County of Sacramento, and the cities within the County, will be required by the State of California to begin conducting regular stormwater pollution compliance inspections at auto repair shops and other businesses. The suggestions in this brochure can help a business prepare for inspection.

Please review and familiarize yourself with the following shop management tips in order to help avoid violations that could result in fines.

### Changing Oil and Other Fluids

- Whenever possible, change vehicle fluids indoors and only on floors constructed of non-porous materials. Avoid working over asphalt and dirt surfaces that absorb vehicle fluids.
- If vehicle fluids must be removed outdoors, always use a drip pan. Prevent accidental spills from reaching the street or storm drain by working over an absorbent mat or working in a bermed area. If necessary, you can use absorbent socks to create a bermed area.

- Transfer fluids drained from vehicles to a designated waste storage areas as soon as possible. Drain pans and other open containers of fluids should not be left unattended.
- Store wastes or bulk fluids within secondary containment to prevent leaks or spills from reaching the storm drain system or sewer.
- Never pour vehicle fluids or other hazardous wastes into storm drains, sewers, or into dumpsters where they could leak out. These substances should be kept in designated waste storage containers until recycled or disposed of properly.
- Drain fluids from leaking or wrecked vehicles as soon as possible. Use drip pans under leaking vehicles to capture fluids.

### Parts Cleaning and Radiator Flushing

- Solvents are hazardous to employees and can ignite in sewers. Handle and dispose of properly.
- Eliminate discharges from these operations to the storm drain system or sanitary sewer. Use a licensed service to haul and recycle or dispose of wastes.
- Designate specific areas or service bays for engine parts or radiator cleaning. Do not wash or rinse parts outdoors.
- Use self-contained sinks and tanks when working with solvents. Keep sinks and tanks covered when not in use.
- Inspect degreasing solvent sinks regularly for leaks, and make necessary repairs immediately.
- Rinse and drain parts over the solvent sink or tank, so that solvents will not drip or spill onto the floor. Use drip boards or pans to catch excess solutions and divert them back to a sink or tank.

- Collect and reuse parts cleaning solvents and water used in flushing and testing radiators. When reuse is no longer possible, these solutions may be hazardous wastes, and must be disposed of properly.
- Never discharge cleaning solutions used for engines or parts into the storm drain or sanitary sewer.
- Never discharge cleaning solutions used for engines or parts into the storm drain or sanitary sewer.
- Consider switching to a water-based cleaning solution system. Case studies have proven that these systems are equally effective, less toxic, and save money. Call BEREC for more details.

### Keeping a Clean Shop

- Good housekeeping practices minimize liability, reduce costs, and make it easier to detect spills and potential problems.
- Sweep or vacuum the shop floor frequently. Use mopping as an alternative to hosing down work areas.
- Do not pour mop water into the parking lot, street, gutter, or storm drain.
- Remove unnecessary hoses to discourage washing down floors and outside paved areas.
- Regularly sweep parking lots and areas around your facility instead of washing them down with water. Hosing dirt, oil, grease, and other pollutants into the storm drain system is prohibited and may result in a fine.
- Collect all metal filings, dust, and paint chips from grinding, shaving, and sanding, and dispose of the waste properly. Never discharge these wastes to the storm drain or sanitary sewer.
- Clean up all spills immediately and properly dispose of the generated wastes.

## The Sanitary Sewer

It may be advisable to discharge wash water generated at your shop into the sanitary sewer, since it is prohibited to discharge it into the storm drain system. However, restrictions also apply to sanitary sewer discharges. Hazardous wastes may never be discharged to the sanitary sewer. Businesses that discharge to the sanitary sewer must comply with the Sewer Use Ordinance of the Sacramento Regional County Sanitation District (Regional San) or other sanitary sewer service provider, and must report the nature of their discharges to the appropriate sanitary sewer authority. Some discharges may require installation and maintenance of pretreatment devices. Call Regional San for further information at (916) 875-6470.

## Fines

Sacramento County's stormwater ordinance provides for fines of up to \$5000 per day for stormwater violations. City ordinances provide for similar fine levels.

## THE BASICS

*Stormwater regulations include two basic requirements:*

- Only rain water may be discharged to a storm drain. It is illegal as well as harmful to the environment to discharge wastes, wash water, or materials of any kind to the storm drain. This includes solid and liquid wastes from car washing, degreasing, sanding, painting, leaking vehicles, and parts cleaning.
- Minimize the contact of rainfall and runoff with pollutant sources. Do this by maintaining a clean facility, keeping materials covered, and managing wastes responsibly.