

COMMON POLLUTANTS

Automotive Industry

- Heavy metals (copper, lead, nickel and zinc)
- Oil, grease, gasoline, and diesel
- Toxic chemicals (benzene, toluene, xylene, and MTBE)
- Hydraulic/transmission fluid
- Antifreeze
- Acids and alkalis
- Paint
- Cleaning chemicals, solvents, and chlorinated compounds
- Soaps and detergents
- Sediment
- Food waste
- Trash and litter

Be sure to always:

- Understand on-site drainage
- Identify all on-site storm drain inlets, catch basins, and/or nearest off-site drain location
- Ensure all on-site storm drain inlets are labeled "No Dumping"
- Routinely inspect and clean on-site storm drain inlets or catch basins

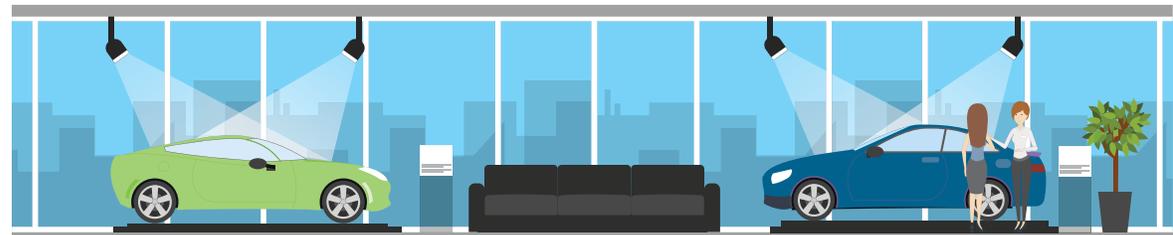
ABOUT THIS GUIDE

Many people and businesses don't realize their practices can impact our local streams, creeks, lakes, rivers, and the ocean. Pollutants from automotive services operations can come into contact with irrigation and stormwater runoff and flow to a storm drain inlet and into our waterways.

This guide provides general BMPs for automotive dealers and the automotive services industry including body repair and maintenance facilities, services stations, and auto recycling facilities. You can help reduce water pollution year-round by implementing the following approaches and the BMPs in this guide:

- Conduct all repair, maintenance, and recycling operations indoors or under cover.
- Routinely inspect and perform scheduled maintenance on facility equipment.
- Place drip pans under a leaking vehicles, parts, and equipment to capture leaking fluids and keep spill cleanup materials readily available.
- Store, handle, and dispose of chemicals and/or spill cleanup materials properly.
- Contain and collect wash water for disposal through a clarifier (oil/water separator, where applicable). Be sure to check with your local jurisdiction to determine if your treatment system requires an industrial waste discharge permit.
- Keep trash, recycling, and waste containers closed when not in use.

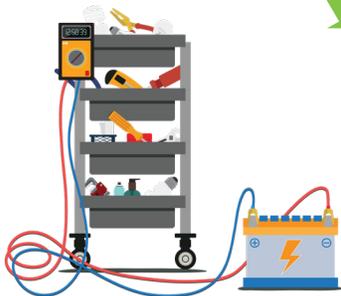
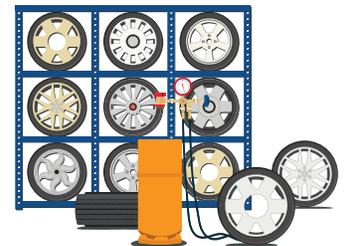
Do you know? Even cleaning products labeled "non-toxic" and "biodegradable" are not safe. "Non-toxic" means the product is not toxic to the user. "Biodegradable" means the product will eventually break down. These products are still harmful to wildlife and the environment.



AUTOMOTIVE DEALERS AND/OR SALES

- Conduct all repair, maintenance, and recycling operations indoors when possible.
- Designate a vehicle washing area that is bermed and connected to the sanitary sewer system with a permitted treatment system or recycling unit.
- Do not spray off wheel cleaners, consider using waterless wheel cleaners, and conduct activity indoors or under cover.

Do you know? A BMP Guide is available for mobile cleaners who provide services for cleaning carpets and upholstery and vehicle/equipment cleaning. Visit your city's Stormwater Management webpage for more information.



GO GREEN: To learn more about going Green, visit **Santa Barbara County's Green Business Program** at <https://greenbusinessca.org>.

FOR ADDITIONAL INFORMATION CONTACT OUR PARTNERING AGENCIES

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Public Works
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City of Goleta
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Community Development
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City of Santa Barbara
www.SBCreeks.com
Creeks
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805.897.2658
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City of Solvang
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805.688.5575
stormwater@cityofsolvang.com

Santa Barbara County
www.SBProjectCleanWater.org
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805.568.3440
cleanwater@countyofsb.org



WANT TO KNOW MORE?

The Cities of Buellton, Carpinteria, Goleta, Lompoc, Santa Barbara and Solvang and the County of Santa Barbara have extensive Stormwater Management Programs, with a great selection of information and useful tools to help protect the environment.

Training

- Provide BMP training to all new employees and offer existing employees an annual refresher on stormwater pollution prevention
- Post BMPs within shop and employee break areas
- Keep all training records on-site and available for inspection

Spill Prevention and Cleanup

- Keep a spill kit on-site and available for use
- Clean spills or drips immediately
- Designate a key employee to monitor the management and clean up of oil or vehicle fluids
- Use dry methods for cleaning up spills (absorbent, sweep) rather than rinsing down areas

Do you know? Properly stored materials and waste can help prevent accidents.

ONLY RAIN DOWN THE STORM DRAIN

BODY REPAIR AND/OR MAINTENANCE

- Conduct all dry or wet sanding indoors and use vacuum sanding equipment.
 - Use dry methods to clean up spills (rags or absorbent), then sweep or vacuum the area before mopping. Mop up excess water into a wringer bucket and let it settle for 24 to 48 hours, or place it into a settling tank prior to discharging to a sink, toilet, or another drain connected to a sanitary sewer.
 - Remove residual dust prior to washing vehicles within a designated area connected to the sanitary sewer with a permitted treatment system or recycling unit.
- Conduct all painting indoors within a paint booth, and do not use water to control overspray or dust within the booth unless it evaporates, or the wastewater is collected.
- Clean auto parts using a wire brush and/or rag instead of a solvent parts washer. Use a drip pan underneath to collect fluids for proper disposal.
- Use only the recommended amount of water needed to stop the chemical reaction of acid-based metal cleaner or cleaner/conditioner applications to treat bare metal, and wipe the area down with a towel or rag.
- When metal grinding or polishing, be sure to capture metal filings from your lathe or grinder using a bucket or a bin.
- Drain vehicle fluids indoors and use a drip pan. Prevent spills by not leaving drip pans outside, exposed to rainfall, or left unattended. Transfer drained fluids into waste containers located in a secure area with lids closed when not in use
- Designate a vehicle washing area that is bermed and connected to the sanitary sewer system with a permitted treatment system or recycling unit.

Do you know? If generating sludge from sanding, the shop owner must verify it does not contain zinc, which may require handling and disposal as hazardous waste.



SERVICE STATIONS

- Trash, recycling, and waste containers should remain closed when not in use.
- Regularly sweep parkway and self-service areas to remove trash.
- Consider installing a roof/cover over the air/water supply area and trash/waste collection areas.
- Routinely inspect and conduct maintenance on your car washing facility oil/water separator system.



AUTO RECYCLING

- Conduct dismantling/crushing operations indoors within a bermed area and/or outside within a designed area that is paved, covered, and bermed.
- Consider installing a fluid collection system under dismantling/crushing operations.
- Place drip pans under leaking vehicles, parts, and equipment to capture leaking fluids or store under cover in plastic storage boxes when possible.
- Prevent spills by not leaving drip pans outside, exposed to rainfall, or left unattended. Transfer drained fluids into waste containers located in a secure area with lids closed when not in use. Make sure to keep the area tidy and clean up spills promptly.
- Be sure to cover burned vehicles, parts, and equipment if stored outside to prevent exposure to rainwater.
- Keep vehicle hoods down when not in use. If the vehicle has no hood, use a cover or tarp to prevent exposure to rain.



City of Buellton
www.CityofBuellton.com



City of Carpinteria
www.CarpinteriaCa.gov



City of Goleta
www.CityofGoleta.org



City of Lompoc
www.CityofLompoc.com



City of Santa Barbara
www.SBCreeks.com



City of Solvang
www.CityofSolvang.com



Santa Barbara County
www.SBProjectCleanWater.org