

## Motor Oil Is A Hazardous Waste

*A hazardous waste is a liquid, solid, gas or sludge waste that contains properties that are dangerous or potentially harmful to the environment or human health.*

Motor oil contains heavy metals, contaminants, antifreeze, and dirt discarded by the car engine during use.

Oil improperly disposed of in landfills, ditches, waterways, or dumped on the ground or in storm drains can migrate into surface and ground water and into the nearest stream or lake. It only takes one gallon of oil to contaminate one million gallons of drinking water (USEPA 2000).

*Oil destroys the delicate ecosystem of the stream.*

Oil can seriously harm aquatic plants and animals. It coats fish gills, prevents oxygen from entering the water, clogs drainage facilities and affects submerged vegetation because it blocks the sunlight that is needed for photosynthesis. In other words, it destroys the delicate ecosystem of the stream.

Fortunately, used motor oil is dirty rather than worn out, **so it can be recycled**. However, because motor oil is toxic to humans, wildlife and plants, it should be disposed of **at a local recycling or disposal facility**.

The EPA's Office of Solid Waste has launched a campaign to promote the proper management of used motor oil called:

**"YOU DUMP IT, YOU DRINK IT"**

For more EPA information, go to:  
<http://cfpub.epa.gov/npdes/stormwater>

If you are unsure where to safely dispose of your used motor oil, contact the Stormwater Management Division or the Solid Waste Recycling Coordinator at 636-797-5043



### COUNTY OF JEFFERSON

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Stormwater Management Division  
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# Motor Oil Recycling

*for a safer and healthier tomorrow*



**Stormwater  
Management  
Division  
636-797-6228**

## COLLECTION AND RECYCLING OF USED MOTOR OIL

What we do with the used motor oil from our cars plays an important role in balancing our desire for convenient transportation with our desire for a clean and healthy environment today and for future generations.

Jefferson County, as well as the petroleum industry in general, request that you recycle used motor oil at one of the collection sites for the purpose of keeping used motor oil out of our waterways and ground water supplies.

The next time you change your own oil, you can make a difference by recycling the oil from your car, truck, motorcycle, boat, RV or lawn-mower.



**Be responsible with used motor oil today and for future generations.**

By dropping off your used motor oil at a recycling facility, you can help prevent pollution and conserve energy for a safer and healthier tomorrow.

### Recycling Centers:

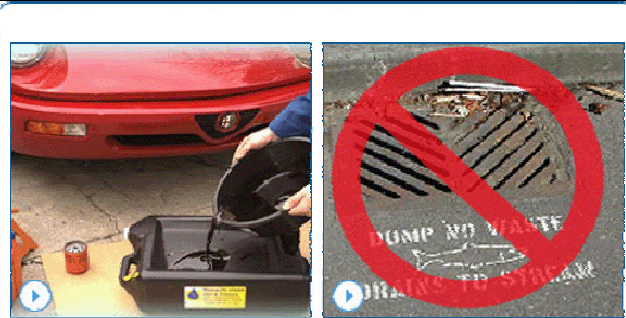
**All Autozone & Jiffy Lube Stores  
B & L Sanitation—636-942-2557**

## HOW IS RECYCLED MOTOR OIL USED?

Used motor oil is recycled in different ways. It can be reprocessed into fuel to heat and cool homes. Approximately 750 million gallons are reprocessed every year and marketed to asphalt plants, steel mills, boilers, pulp and paper mills, and cement kilns.

Reprocessed motor oil can also be burned in furnaces for heat or in power plants to generate electricity for homes, businesses, or schools. It can be blended for marine fuels, mixed with asphalts for paving, or used to fuel industrial burners. It can be used in specially designed municipal garages, space heaters and automotive bays.

Finally, used motor oil can be re-refined into lubricating oils that meet the same standards as virgin or new oil. All these methods of recycling help to conserve valuable energy resources.



**Put used motor oil in a contaminant-free container with a secure lid and take to a recycling center. DO NOT dump oil down the storm drain because it drains untreated to the nearest stream, river or lake.**



*Keep It Safe*

## TYPES OF RECYCLING PROGRAMS

There are two types of recycling programs currently in use: drop-off locations and curbside collection.

Drop-off locations include service stations, recycling centers, auto parts retail stores, quick lubes, and landfills. These locations are effective because they are familiar, permanent, and

conveniently located.

Curbside collection programs allow consumers to place their oil on the curb for collection. It, however requires a hauler to collect the oil. Most curbside programs are implemented by

private waste haulers or municipal or private recycling haulers.

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