

# 2012 Household Hazardous Waste Collections

Saturday **April 14**, 8AM-12PM, in Nashua

Saturday **May 5**, 8AM-12PM, in Milford

Thursday **June 7**, 3:30-7:30PM, in Nashua

Saturday **Aug. 4**, 8AM-12PM, in Nashua

Saturday **Oct. 6**, 8AM-12PM, in Nashua

Saturday **Nov. 3**, 8AM-12PM, in Nashua

## LOCATION

**Nashua Public Works Garage** ~ 9 Stadium Drive, Nashua, all dates EXCEPT May

**Milford Public Works Garage** ~ 289 South St. (Rt 13), Milford, MAY ONLY

## PARTICIPATING COMMUNITIES

Amherst | Brookline | Hollis | Hudson | Litchfield |  
Merrimack | Milford | Mont Vernon | Nashua |  
Pelham | Windham

## USER FEES = \$10

This covers up to 10 gallons or 20 pounds of waste per vehicle. Residents who bring more will be charged accordingly. Please bring cash or check payable to NRSWMD.



## Nashua Regional Planning Commission

9 Executive Park Drive, Suite 201

Merrimack, NH 03054

603-424-2240

[www.nashuarpc.org/hhw](http://www.nashuarpc.org/hhw)

## Do it Yourself Automotive Products

*A guide to environmentally sound  
purchasing, use, and disposal*



[www.nashuarpc.org/hhw](http://www.nashuarpc.org/hhw)

# Why Worry?

## FACTS & FIGURES

- According to the US Bureau of Transit Statistics, there were 250,844,644 registered passenger vehicles in the US in 2006.
- Each year, 17 million gallons of gas are spilled refueling lawn & garden equipment. That's more petroleum that was spilled by the Exxon Valdez.<sup>1</sup>
- According to the American Petroleum Institute, more than 600 million gallons of motor oil are purchased each year, with 345 million being used by "do-it yourself" vehicle owners.
- More than 40% of oil pollution in the US comes from improper disposal of used motor oil from do-it-yourselfers.<sup>1</sup>

## IMPACTS

- Every gallon of motor oil that is improperly discarded can contaminate 1 million gallons of drinking water, render 4 acres of soil unsuitable for planting for decades, and create an oil slick up to 8 acres large.<sup>1</sup>
- Used motor oil contains a number of hazardous substances, including additives, heavy metals, and carcinogenic compounds from fuel combustion.
- Motor oil is slow to degrade and sticks to everything it comes in contact with, including wildlife.
- Antifreeze tastes sweet, making it enticing and deadly to animals and children.



- As antifreeze biodegrades in water, it reduces the level of dissolved oxygen, killing aquatic life.<sup>1</sup>
- Windshield wiper fluid can cause irreversible organ damage if ingested. 2 tablespoons of windshield wiper fluid can kill a child, while as little as 4 tablespoons can be lethal for adults.<sup>2</sup>
- Brake fluid can induce severe damage through skin contact or consumption.<sup>2</sup>
- Brake fluid is likely to ignite when exposed to heat, sparks, flames, or strong oxidants.<sup>2</sup>



1. US Environmental Protection Agency
2. National Library of Medicine

## What's the Alternative?

Alternative products do exist, such as motor oil made from saturated fats, wiper fluid made from bio-matter, and brake fluid made from vegetable oil. Unfortunately, these products are often difficult to find. NRPC surveyed a number of auto parts stores in the region and none carried these products. It is up to us as consumers to begin asking for these products. If there is enough demand, stores will stock them.

NRPC was able to find one environmentally friendly auto product that is available locally. SIERRA Antifreeze is made from propylene glycol, which is less toxic than ethylene glycol, the standard ingredient in antifreeze. SIERRA can be purchased at NAPA and Ace Hardware.



# What to Do?

If you are pouring used automotive products on the ground, into a storm drain, or even placing them in the trash in a sealed container, you are disposing of them improperly.

## WATCH WHAT YOU BUY

Only buy what you need, regardless of whether you purchase an environmentally friendly product. It will save you money and you won't need to worry about what to do with the excess. If you do find yourself with too much of a certain product, share it. Chances are a friend or neighbor is in need of the same item.

## RECYCLE

Recycling saves natural resources, energy, and money. For example, just 2 gallons of used motor oil can power the average home for a day, cook 48 meals in the microwave, run a hairdryer over 200 times, vacuum a house for 15 months, or keep the TV on for 7.5 days straight.

It takes just 1 gallon of used oil to produce 2.5 quarts of new oil. By comparison, it takes 42 gallons of crude oil to produce the same amount. (US EPA)

## ATTEND A HHW COLLECTION

See reverse for a complete schedule. Please note used oil and car batteries are not accepted and should instead be brought to your local transfer station or auto parts store. Mixed gas, antifreeze, brake fluid, lubricants, and wiper fluid are accepted.