

MARYLAND USED MOTOR OIL RECYCLING PROGRAM



1998 ANNUAL REPORT

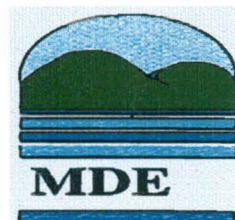
Prepared for:

The Economic and Environmental Affairs Committee
and the
Environmental Matters Committee
of the Maryland General Assembly

Submitted by:



Submitted to:



January 1999

EXECUTIVE SUMMARY

Maryland Environmental Service (MES), administers the Maryland Use Oil Recycling Act through an intergovernmental agency (IGA) agreement on behalf of the Maryland Department of the Environment (MDE). MES is responsible for implementing a statewide program to increase the number of used oil collection facilities, provide public education, and maintain and information center to encourage citizens to recycle used motor oil.

Since 1988, more than 4.9 million gallons of used motor oil have successfully been collected for proper disposal from do-it-yourself automobile enthusiasts.

Program accomplishments include:

- Received Pennzoil Company's financial support of \$30,000 to sponsor program activities;



- Collection of 777,000 gallons of used motor oil from government-operated locations;
- The number of program sponsored collection locations remained relatively stable over the year at 172;
- Continued collection of used antifreeze, another recyclable petroleum-based automobile fluid.

MARYLAND USED OIL RECYCLING PROGRAM

1998 ANNUAL REPORT¹

The 1998 Used Oil Recycling Program Annual Report is provided to the Maryland General Assembly as a requirement of Environment Article 5-1001, section (g).

Maryland Environmental Service (MES), an agency of the State of Maryland, is responsible for the administration and implementation of the Maryland Used Oil Recycling Program through an intergovernmental agency agreement (IGA) with the Maryland Department of the Environment. Program management includes the designation of used oil collection facilities, technical assistance to establish collection facilities, public education, operation of an information center and implementation of other non-regulatory provisions of the Maryland Used Oil Recycling Act.

We are pleased to report on the accomplishments and progress of the Program during the past year, effectiveness of provisions of the Law, and plans for 1999.

INTRODUCTION

The Maryland Used Oil Recycling Law was enacted July 1978. Initial program start-up funding was allocated from the energy overcharge financial settlement. This funding enabled MES to create a program to assist the home mechanic or do-it-yourselfer (DIYer) with proper used motor oil disposal which is nationally unique. MES purchased used oil collection tanks, collection boxes, hardware and signs. County and local governments were solicited to assist in establishing convenient and accessible used oil collection sites for citizens. MES recruiting established a variety of collection sites with most being located at solid waste, public works and road maintenance facilities.

The Program has been successful at recruiting and maintaining donor locations for two main reasons: 1) free collection service of used motor oil; and 2) the state assumes the responsibility for disposing of any contaminated used oil.

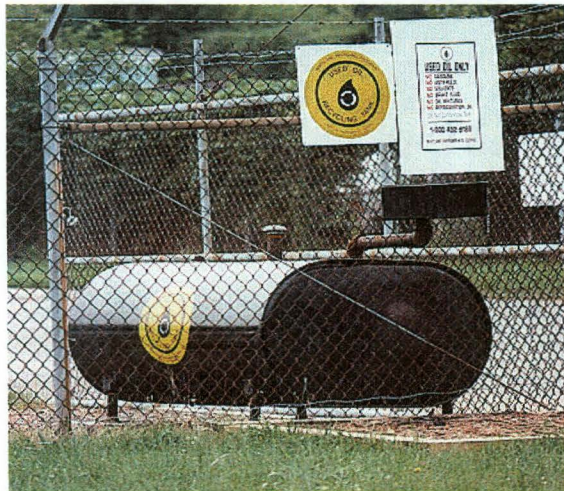
¹Prepared January 1999 by the Maryland Environmental Service, 2011 Commerce Park Drive, Annapolis, MD 21401, telephone (410) 974-7282.

Government-Operated Collection Program

Collection of used motor oil from government-operated location yielded approximately 777,000 gallons in 1998. Since its inception in 1988, the Program has expanded from 44 collection sites to 172 sites currently in operation and recovered more than 4.9 million gallons of used motor oil.

The State Program provides participating county and municipal governments and certain organizations the following:

- 1) Tanks (275-gallon above ground tanks, including hardware, program identification decals and accepted material signs);
- 2) Collection service for the used oil (through a contracted hauler) free of charge;
- 3) Disposal of any contaminated used oil;
- 4) Public education brochures for distribution;
- 5) Quarterly used oil collection reports.



To serve the Maryland boating community, MES continues to provide collection sites at several State-operated marinas. Several private marinas throughout the State also participate in the Program.

Fortunately, no used motor oil spills or contamination incidents were attributed to the Program during the year. Good housekeeping practices are important aspects of spill control and contamination prevention. The Program continually reminds each recycling coordinator or site supervisor of their pollution prevention responsibilities. The program would experience significant financial difficulty if a contamination incident would occur anytime in the future.

Volunteer Collection Locations

With the cooperative efforts between the State and local governments and private organizations, the State Program will continue to provide convenient, reliable locations for used oil collection to the citizens of Maryland. (Reference Table 1.)



PUBLIC EDUCATION and PROGRAM SUPPORT



Pennzoil Company is the Used Oil Recycling Program's newest supporter. Pennzoil Company made a very generous financial commitment of \$30,000.00. In remarks made to Governor Glendening, Jim Newsom, Pennzoil Product Manager, called the program "the best in the nation." The Governor praised "this great program" and commented about the potential for "...the environmental damage if all that oil had been carelessly discarded on the ground or in our waterways."

With a dependable collection program in place, informing the public about the significance of the Program was the major focus this year. Maryland Environmental Service Public education highlights include:

- ☛ Participated in environmental awareness events including: Maryland Recyclers Coalition Annual Conference, Maryland Municipal League's Annual Conference, Maryland Association of Counties Annual Conference, and the Maryland Chamber of Commerce Legislative Conference.
- ☛ Program information given to schools, local groups and civic organizations.
- ☛ Promoted the Program and acknowledged Pennzoil's sponsorship by procuring promotional items.

The Program also provided guidance in developing similar collection programs for used motor oil for other states.

Advertising

The Used Oil Recycling Program occasionally benefits from support and donations from private sponsors.

- The Maryland Department of Transportation Motor Vehicle Administration's vehicle handbook lists the Used Oil Recycling Information Center toll free telephone number.

Administered with a lean budget, it is important to note that many public presentations generate promotional opportunities in various association and community newsletters, free of charge. Also, local newspapers frequently announce the opening of used oil collection centers to the community through press releases distributed by MES.

Brochures, Posters

"Oil and Water Don't Mix," the primary Program brochure continues to be distributed.

An Agency designed Program decals can be posted in the windows of automotive retail outlets and marinas that participate in the State's Program. The decal is a small scale replica of the decal affixed to the used oil recycling tanks.

Information Center 1 - 800 - 4 RECYCLE

For over 10 years, MES has maintained a toll-free telephone line to provide information about where and how to properly dispose of used oil. With this telephone line, the caller's access area has been expanded to include Washington D.C. and Northern Virginia. This increased service accommodates Maryland citizens who may work in the District of Columbia or Northern Virginia and require information concerning used oil recycling in their community.

The Program's Information Center processed approximately 4,000 calls in 1998, with approximately 60 percent of the callers requesting information on used oil collection locations. The information center is staffed during normal State office hours. At other times, a 24-hour answering machine provides message information.

Planned Activities for 1999

In addition to the continuation of activities already underway, future Program activities include:

- ☛ List used motor oil recycling locations on MES's worldwide web site home page www.menv.com;
- ☛ Work with MDE's Public Communications Office to provide opportunities for advertising and promotional support;
- ☛ Continue dialogue with the private sector and special interest groups;

SUMMARY AND RECOMMENDATIONS

The Used Oil Recycling Program provides an essential public service. The collection of more than 4.9 million gallons of used motor oil demonstrates the effectiveness of the Program. Promoting environmental awareness and education among the "do-it-yourself" target audience continues to be one of the Used Oil Recycling Program's primary objectives.

When the Program started soliciting counties and municipalities to establish collection sites, material contamination, cost of disposal, and liability were high on their list of concerns. Program expansion did not move forward until the Program accepted responsibility for the payment of any contaminated do-it-yourselfer tanks. Fortunately, contamination incidents have been minimized through direct oversight and public education efforts. The guarantee of disposing of any contaminated material was the basis for establishing collection sites throughout the State. Without this guarantee many collection facilities would no longer participate in the Used Oil Recycling Program.

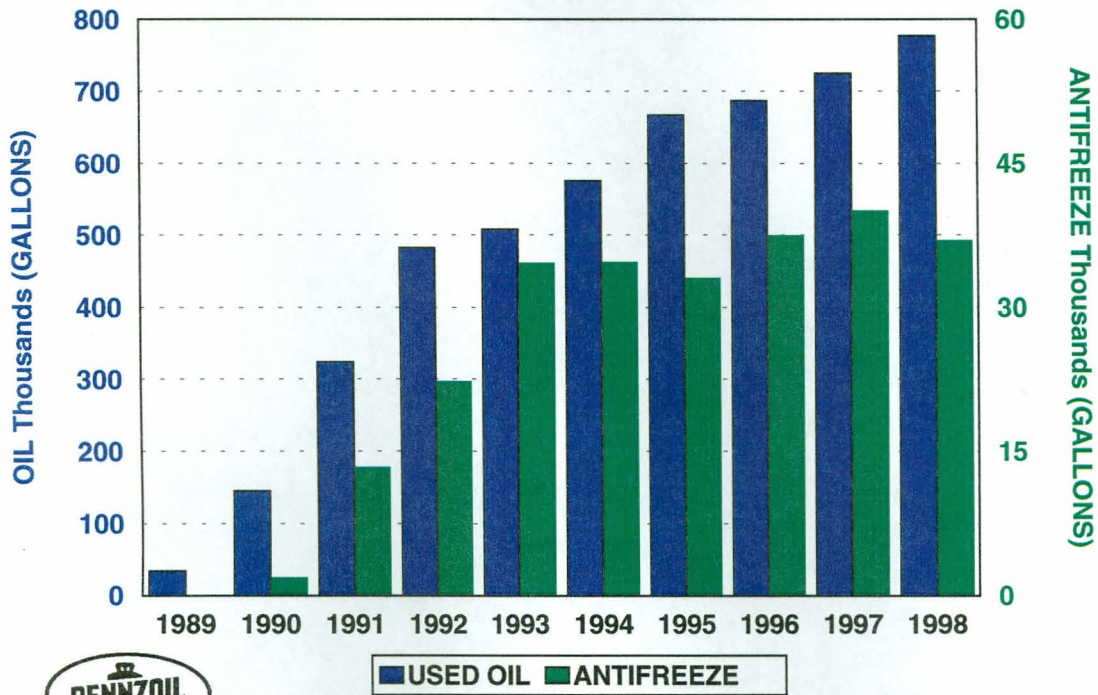
The Used Oil Recycling Program's 1989 Annual Report recommended the initiation of a program for the proper collection of used antifreeze. Beginning in late 1990, MES sponsored and implemented the first statewide Used Antifreeze Recycling Program in the country. To date, Maryland's Used Antifreeze Recycling Program has grown to include 129 collection centers, with 37,000 gallons of used antifreeze collected in 1998. With the emphasis on restoring the Chesapeake Bay and its tributaries, citizens need a convenient and environmentally acceptable disposal option for used motor oil and used antifreeze.

Table 1. USED OIL COLLECTION FACILITIES

COUNTY	TOTAL
Allegany	7
Anne Arundel	9
Baltimore City	7
Baltimore	9
Calvert	7
Caroline	5
Carroll	9
Cecil	5
Charles	11
Dorchester	5
Frederick	7
Garrett	3
Harford	12
Howard	2
Kent	5
Montgomery	5
Prince George's	15
Queen Anne's	8
St. Mary's	6
Somerset	7
Talbot	3
Washington	6
Wicomico	11
Worcester	8
TOTAL	172

USED OIL & ANTIFREEZE PROGRAMS

YEARLY COLLECTION TOTALS



<u>Year</u>	<u>Used Oil</u>	<u>Antifreeze</u>
1989	34,426	
1990	145,153	1,800
1991	323,408	13,275
1992	482,019	22,239
1993	507,777	34,553
1994	575,391	34,635
1995	666,869	32,745
1996	687,095	37,414
1997	742,313	42,155
1998	776,806	36,915
TOTALS	4,941,257	255,731