



# RECYCLING & COMMUNITY OUTREACH CONNECTION

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Inside this issue:

Page 2:

- Utah Used Oil Recycling  
Update

Page 3:

- Utah's Used Oil  
Recycling Program

Page 4:

- Electronic Recycling in  
Utah  
- Kathy Barker's  
Retirement

Page 5:

- Where o' Where are the  
Waste Tires Going?

the storm water runoff, as well as recycle as many materials as possible, please call us at (801) 536-0218. You can get a copy of the brochure by calling, or you can download a printable copy of the brochure on our website at <http://www.deq.utah.gov/businesses/businessassistance/docs/2014/08Aug/autobmp.pdf>.

State of Utah  
Department of Environmental Quality  
Division of Solid & Hazardous Waste

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## USED OIL RULES UPDATED!

By Deborah Ng



The wait is over. The used oil rules have finally been updated! Many of the changes clarify current language and bring referenced language from the Utah Used Oil Management Act (Statute) and federal rules (40 CFR 279 and 761) into the Used Oil Rules. We appreciated all the comments we received from our stakeholders and public during this process. To access the updated used oil rules, please visit: <http://www.rules.utah.gov/publicat/code/r315/r315-015.htm>.

## Automotive Salvage Yards Best Management Practices

By Deborah Ng

We have developed a brochure to help guide auto salvage facilities on the Best Management Practices (BMPs) and provide resources to contact if they have any problems. We also are providing outreach training to help with any questions or concerns. If you would like to have a staff member come and help educate your staff on minimizing the generation of waste, reduce or eliminate the discharge of pollutants in the



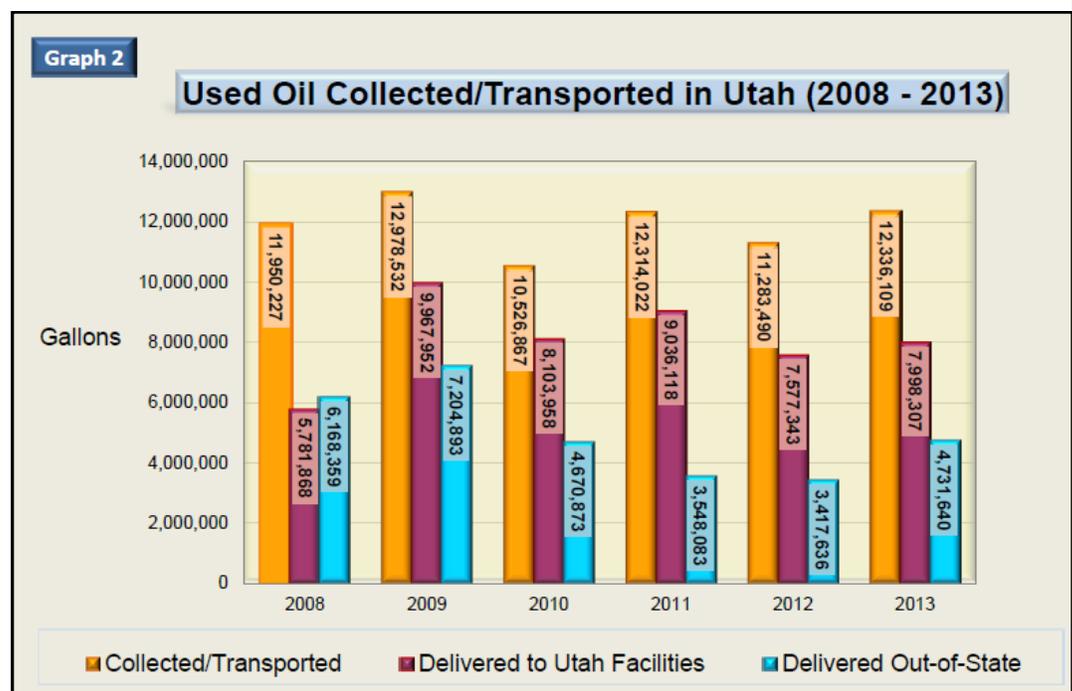
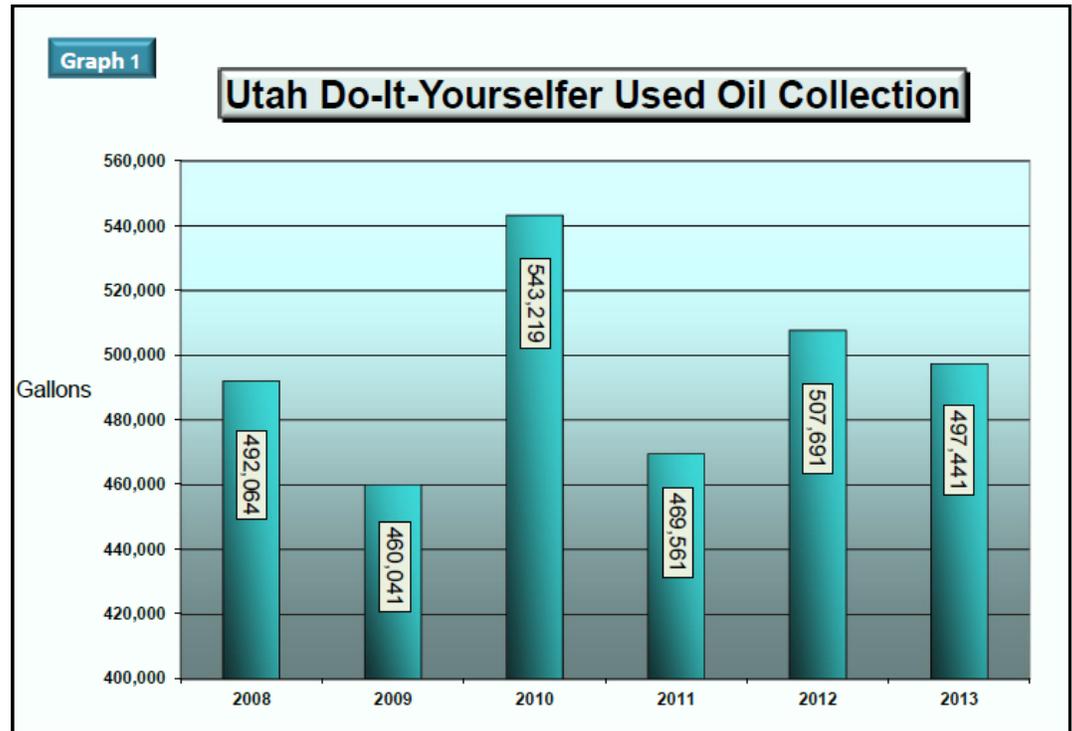
# Utah Used Oil Recycling Update

By Kathy Barker



Another great year! The 407 registered Utah do-it-yourselfer (DIYer) used oil collection centers reported 497,441 gallons of used oil for the 2013 calendar year as shown in Graph 1. This total is conservative as more businesses now burn their self-generated used oil for energy recovery to save on their heating costs. Some DIYer collection centers do not seek reimbursement, and some DIYer used oil is collected by unregistered businesses. The reportable DIYer used oil is close to half a million gallons per year, which has made a tremendous impact on preserving Utah's environment through recycling efforts rather than careless disposal methods utilized in the past.

Annual year-end data reported by Utah permitted used oil transporters is shown in Graph 2. The total quantity of collected used oil is about 9% more than was collected in 2012. Approximately 65% of the used oil collected in Utah remains within the state to be recycled, primarily as burner fuel.



# Utah's Used Oil Recycling Program

By Scott Hopkins



Utah is fortunate to have one of the best used oil collection programs in the country. With well over 400 Used Oil Collection Centers (UOCCs) located through the state, it is quite simple and convenient for do-it-yourselfers (DIYers), farmers and ranchers to properly recycle their oil. Used oil is so polluting that it is imperative that we keep it out of the environment. Generally, UOCCs can accept up to five gallons of used oil from any DIYer per visit and many will accept used oil from farmers and ranchers as well. The UOCC closest to you can easily be found on our web site, at [http://www.deq.utah.gov/Programs\\_Services/programs/waste/used\\_oil/basics/Collection\\_Centers.htm](http://www.deq.utah.gov/Programs_Services/programs/waste/used_oil/basics/Collection_Centers.htm) or by calling our toll free, hot line at (801) 458-0145. UOCCs accept oil during business hours only.

Years ago, with no collection centers or convenient way to recycle, used oil was a polluting nuisance and difficult to get rid of. This resulted in millions of gallons nationwide being disposed on the ground or in our water ways. Today, used oil is a valuable commodity, and recyclers can turn it into new motor oil.

UOCCs, if properly equipped, can burn the used oil they generate or collect from DIYers, in specially de-

signed used oil furnaces to heat their buildings during the cold Utah winter months. Another option is to sell the oil for reuse. Much of the used oil generated in the US is reformulated into fuel oil and burned in furnaces to heat homes, schools and businesses. Used oil can also be reformulated into bunker fuel. Bunker fuel is what propels the large ocean going vessels, like cruise ships, tankers, freighters and military ships.

In conjunction with the used oil and recycling programs, the Planning and Community Outreach Section's educational program, offers outreach presentations to educate the general public, schools, and businesses about used oil recycling, hazardous waste management, reuse, pollution prevention, electronic waste and used tires. Although many different types of training are offered, I have been tasked with doing one of the more popular presentations on used oil collection, hazardous waste management and recycling.

I have been with the Department for 38 years and I am able and willing to share some of my many environmental experiences, both good and bad, with the participants to illustrate the progress that we have made in environmental protection as well as what still needs to be done to properly manage the wastes that we generate. The training sessions cover not only hazardous wastes that we encounter every day, but also regulated wastes, like used oil and anti-freeze and how they differ in characteristics, safe handling and how their regulations differ from other harmful and hazardous wastes. The training covers the best management practices that should be

taken to ensure safety of the handlers as well as the environment.

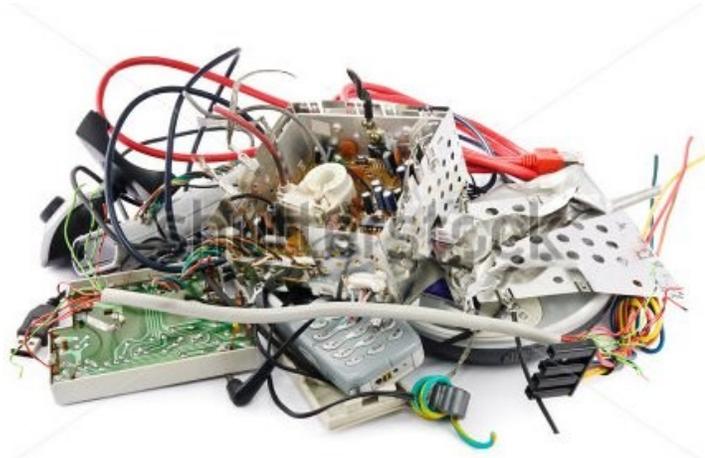
The program is interactive, entertaining and group participation and questions are encouraged. Each individual training session can be tailored to the needs and understanding level of the class. These classes have been presented to groups of all ages and backgrounds with good success. Through stories, pictures, facts and Power Point presentations, recycling programs come to life. The training can incorporate recycling of used oil, waste tires, electronic waste, and hazardous waste management.

The class can take from 30 to 90 minutes depending on the depth of information and the requirements of the class. I will come to your school or facility, so there is no need to displace the participants, saving you valuable time and money. If you are interested in arranging one of these outreach presentations for your company, school, class, professional trade association, church or social group. Please contact me, Scott Hopkins at (801) 536-0235 or you can e-mail me at [shopkins@utah.gov](mailto:shopkins@utah.gov).



# Electronic Recycling in Utah

By Pat Sheehan



We live in a world where many consumer items are designed to be short-lived or disposable. It seems like the latest and greatest computer/tablet/cell phone/PDA that everyone just bought is already obsolete. Time to get a new one...well, maybe not, but it seems like that's what many of us do. But what are you going to do with the old one? Electronic waste can contain heavy metals and hazardous material or waste that should not be disposed in a landfill and should be recycled, if possible. The Division has a web page for electronic recycling information broken down by county: <http://www.deq.utah.gov/ProgramsServices/programs/waste/recycling/bycounty.htm>

Depending on the county that you live in, you may have a drop-off option for your old electronics. For instance, Best Buy accepts many electronics (<http://www.bestbuy.com/site/null/Recycling-Electronics/>

<http://www.staples.com/sbd/cre/marketing/easy-on-the-planet/recycling-and-eco-services.html>). Staples accepts many types of electronics, but not TVs (http://www.staples.com/sbd/cre/marketing/easy-on-the-planet/recycling-and-eco-services.html). If you live along the Wasatch Front, you have more options than people who live in Richfield, for instance. However, even residents in areas with no drop-off locations have options.

Most manufacturers have a mail-back program that is free for consumers. If you have an old Blackberry, for instance, you can mail that back for free: [www.BlackBerry.com/recycling](http://www.BlackBerry.com/recycling).

Do you have an old IBM, Dell, or Hewlett-Packard computer? Those can be mailed back for free too. The mail-back program usually requires the consumer to log onto the manufacturer's web site, enter information regarding the product, download a free mailing label, package up the item(s), and drop off the box at a local Fed-Ex or UPS store.

Unfortunately, because televisions weigh so much, a manufacturer may not allow you to mail that back. However, some manufacturers will accept all brands of e-waste. For instance, Hewlett-Packard and Apple will accept all brands of electronics through their mail-back program.



## Kathy Barker's Retiring!!

The Used Oil Program is losing a vital member of our family on December 18, 2014. Kathy has decided to tackle some new challenges and adventures in her life. She plans to organize an immense amount of photos, DVDs and other memorabilia to share with her grandchildren. Also, Kathy plans to travel with her husband Verl, be a temple worker, and go on a mission. We will miss you Kathy. Good luck with your new endeavors!





# Where o' Where are the Waste Tires Going?

*By Tina Mercer*



Yes, there is a place for all tires. There is no tire heaven, but there are many beneficial uses for them. Let me introduce myself; my name is Tina Mercer, the new Waste Tire Program Coordinator. I look forward to the challenges ahead with the waste tire program. The three biggest markets for waste tires are:

1. Tire derived fuel, currently being used as fuel in cement kilns
2. Civil engineering applications in highway and bridge designs, and
3. Ground rubber applications.

Some of the most popular items you may have seen from recycled waste tires are landscaping mulch and tiles, underlayment for playground equipment, running tracks and trails, sport fields, and roof tiles.



Additional information about Utah's Waste Tire Recycling Program is located on the Department of Environmental Quality's web page:

<http://www.deq.utah.gov/ProgramsServices/programs/waste/wastetires/index.htm>

For more information contact me, Tina Mercer, at (801) 536-0259. I have over 20 years with the Division of Solid and Hazardous Waste working on permitting and compliance of hazardous waste facilities. I'm looking forward to this new chapter and challenge to keep Utah's waste tire program innovative and looking for opportunities to serve Utah.

Utah Waste Tires Recycled

FY 2014	Cumulative (FYs 1991-2014)
29,005 tons	654,849 tons
1,740,327 tires (approx.)	39,290,940 tires (approx.)

Utah Waste Tire Cleanups

FY 2014	Cumulative (FYs 1991-2014)
1,078.68 tons	32,445 tons

# The Used Oil Connection



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