

# Montana Solid Waste News



## FALL 2013 ISSUE

### “Hole in the Ground”; or, “Grounded in the Whole”?

*By Ed Thamke, Waste & Underground Tank Management Bureau Chief*

Most people recognize the Department of Environmental Quality Solid Waste Program (SWP) as the responsible entity ensuring federal and state requirements for licensing, regulatory oversight and compliance assistance for landfills in Montana. However, it would be wrong to think that all we care about is putting stuff in a “Hole in the Ground”. The Solid Waste Program is “Grounded in the Whole” waste and material management hierarchy and strives to work effectively with stakeholders (you folks) to fulfill DEQ’s Mission to protect, sustain, and improve a clean and healthful environment to benefit present and future generations.

We see our work, as well as the efforts of the Planning Division’s Recycling Program critical to DEQ’s Mission. Finding alternatives to the hole creates markets and jobs while extending the life of landfills as long as possible. Over two decades the SWP has evolved from strictly disposal to building alternative regulatory structures such as composters, landfarms and resource recovery facilities that store, treat and process what was a waste into viable re-use materials and products. Solid Waste Management Systems operate under laws and rules that protect human health and the environment as well as providing a level field and credibility for those in disposal and resource recovery businesses.

The SWP employs quite a diverse group of caring and compassionate professionals. The core that grounds us to the whole is the belief that recycling, composting, and other waste diversion strategies are a critical part of what we do and that all solid waste management systems and operators are treated in a fair and consistent manner according to the laws and rules for which we are responsible. To quote Red Green, “We’re all in this together.” Please feel free to let me know how we are doing.

### Solid Waste Program Staff

**Rick Thompson**  
Section Supervisor, 444-5345

**Mary Louise Hendrickson**  
Technical Lead, 444-1808

**Bruce Meyer**  
Junk Vehicle Program, 444-2835

**Tim Stepp**  
Environmental Engineer,  
444-4725

**Mitzi Hansen**  
Data Control Specialist,  
444-3493

**Kathy O’Hern**  
Environmental Science  
Specialist—compost, recycling,  
and training, 444-9879

**Bob McWilliams**  
Environmental Science  
Specialist—Septic Pumper  
Program, 444-1434

**Brady Christensen**  
Environmental Science  
Specialist—Junk Vehicle  
Program, 444-3048

**John Collins**  
Environmental Science  
Specialist—groundwater and  
methane monitoring, 444-2802



Address:  
Lee Metcalf Building  
1520 East Sixth Ave.  
PO Box 200901  
Helena, MT 59620  
Main Line, 444-5300

[www.deq.mt.gov/SolidWaste](http://www.deq.mt.gov/SolidWaste)

### Inside this issue:

Article	Page
Junk Vehicles in Montana	2
Classified Ads	2
Upcoming Trainings	3
DVD Loan Program	3
Freon Evacuation Certification	4
Waster Protection Trainings available	4
Solid Waste Industry News	5—6

# Junk Vehicles in Montana

During October, DEQ's Motor Vehicle Recycling Program (MVRP), Lewis & Clark County Health Department, and the Department of Fish, Wildlife and Parks worked together to remove an abandoned junk vehicle from Bean Lake, which is south of Augusta.

The MVRP was initially established to remove abandoned and unwanted vehicles from the beautiful landscapes in Montana. This usually means working with county government, but the service is also available to individual Montana residents. Citizens can contact their local County Junk Vehicle Director to have a junk vehicle removed from their property at no cost to them.



The MVRP has removed 262,103 junk vehicles from the landscape. The funding for this service is generated by a tax on licensing a vehicle in the state. This program belongs to the residents of Montana, and is here to help citizens remove unwanted junk vehicles from their property. Simply contact your local County Junk Vehicle Director for information. A list of county junk vehicle officials is listed on the DEQ Junk Vehicle Frequently Asked Questions page: <http://deq.mt.gov/JunkVehicles/jvquestions.mcp.x>.



Photos to the left:  
On October 15, 2013, the DEQ Motor Vehicle Recycling Program and Lewis & Clark County, worked with Fish, Wildlife & Parks to have a junk vehicle removed from Bean Lake, just south of Augusta.



## Classified Ads



### LAKE COUNTY SURPLUS PROPERTY SALE

#### 2002 9400-I International Class A Truck with Roll-off system

View at Transfer Station, 36117 North Reservoir Rd

South of Polson off Hwy 93.

Questions: 883-7323

Submit sealed bids to Lake County Commissioners, 106 4th Ave E, Polson, MT 59860 by 2:00PM, November 19, 2013.

*Lake county reserves the right to reject any or all bids no deemed in the public interest*



## Upcoming Solid Waste Training

### Oil Field Wastes—Characteristics, Impact, and Management

**February 19-20, 2014**    **Miles City**  
**Sleep Inn and Suites, Yellowstone River Room**  
1006 S. Haynes Ave.  
Miles City, MT 59301

Instructors will be announced soon.

### New Landfill Technology, Equipment Demos, Equipment Rodeo

**April 29-30, 2014**    **Billings**  
**Best Western Kelly Inn & Suites and the Billings Landfill**

Instructor:        Neal Bolton - Blue Ridge Services

Invited equipment dealers:  
Titan Machinery  
RDO Equipment  
Tri State Truck & Equipment  
Bo-Mag

### More Trainings later in 2014 and in 2015

Fall 2014	Landfill Training: Rules update, Operations & Maintenance Plan development, Landfill economics, inspections
Fall 2014	24-Hour HAZWOPER
Spring 2015	Manager of Landfill Operations (MOLO)
Spring 2015	Composting: Food waste, animal mortality composting, Montana's new composting rules

### **Safety Training DVD Loan Program**

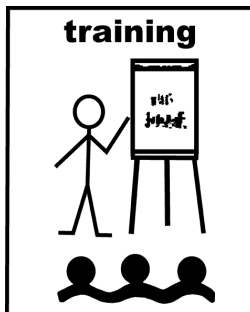
The Solid Waste Program has a SAFETY TRAINING DVD Library for licensed facilities. These DVD's were developed by Blue Ridge Services. If you would like to borrow any of the DVDs for your safety meetings, call 406-444-5300 or e-mail [wutbcomments@mt.gov](mailto:wutbcomments@mt.gov). The DVD will be mailed to you along with a return envelope. The DVDs will be loaned out for two weeks at a time.

LF-01    The Basics of Landfill Safety  
LF-05    Working in Dusty Conditions  
LF-06    Traffic Safety/Road Design  
LF-13    Working in Extreme Weather - Hot Weather

LF-14    Preventing Landfill Fires  
LF-21    Extreme Conditions - Rain Storms/Wet Weather  
LF-41    Methane Gas Safety  
LF-47    Slope Stability - Excavation Slopes  
LF-55    Leachate Management & Handling  
LF-70    Landfill Odors: Safety Issues  
TS-01    The Basics of Transfer Station Safety  
TS-03    Equipment Safety - General Issues  
TS-06    Bloodborne Pathogens  
TS-28    Dealing With Unruly Customers

To borrow a DVD you can also contact Janet Handy – [jhandy@mt.gov](mailto:jhandy@mt.gov) or 406-444-3463

## More Training Opportunities



## Freon Evacuation Certification

### EPA Section 608 Technician Certification

<http://www.epatest.com/608/>

Type I Certification –

Can only work on Small Appliances (5lbs or less of refrigerant)

Type II Certification –

Can only work on Medium, High and Very-High Pressure Appliances.

Type III Certification –

Can only work on Low-Pressure Appliances.

Universal Certification –

Someone who possesses Type I, Type II and Type III Certifications

Mainstream offers free study materials for Type I Open Book Certification online:

[Type I Study Manual \(Free\)](#)

[Type I Training Software \(Free\)](#)

[Take the Test \(\\$24.95\)](#)

### Evacuation Equipment

Purchase the equipment needed from an HVAC Equipment supply, such as Johnstone Supply—

<http://www.johnstonesupply.com/storefront/index.ep>

## Water Protection Training

### **BMP 101: Storm Water Management During Construction**

Butte, MT

January 28, 2014

[Class Form](#)

### **BMP 201: SWPPP Administrator**

Butte, MT

January 29 and 30, 2014

**CLASS IS FULL**

### **BMP 101: Storm Water Management During Construction**

Missoula, MT

March 18, 2014

### **BMP 201: SWPPP Administrator**

Missoula, MT

March 19 and 20, 2014

### **BMP 101: Storm Water Management During Construction**

Billings, MT

April 22, 2014

### **BMP 201: SWPPP Administrator**

Billings, MT

April 23 and 24, 2014

### **BMP 101: Storm Water Management During Construction**

Bozeman, MT

May 13, 2014

### **BMP 301: Conducting Storm Water Compliance Evaluation Inspections for Construction Activities**

Bozeman, MT

May 14 and 15, 2014

For more information visit

<http://deq.mt.gov/wqinfo/ctss/default.mcp>

or contact Chris Romankiewicz:

[cromankiewicz@mt.gov](mailto:cromankiewicz@mt.gov) (406) 475-2138.



## ISRI says allowing recyclers to unlock devices will unlock reuse market

Oct. 31, 2013

By Bobby Elliott, E-Scrap News

The Institute of Scrap Recycling Industries (ISRI) has come out in support of legislation that would allow U.S. recyclers to unlock electronic devices, including cellphones, and return them to the market for reuse.

At ISRI's annual fall board meeting, members agreed to back legislation introduced by Rep. Bob Goodlatte (R-VA.) By permitting electronics recyclers to "unlock" used cellphones, Goodlatte's bill would give the industry the authority to clean old cellphones of data and resell them in the U.S. and abroad to be used again under any cellphone carrier.

According to ISRI, the U.S. is the only country that prohibits recyclers from unlocking electronic devices and returning them to market for reuse. This restriction, the organization contends, is holding recycling firms back.

ISRI president Robin Wiener said, "Allowing electronics recyclers and refurbishers to unlock these devices will help encourage the reuse of used electronics products and thus avoid the unnecessary and wasteful disposal of these products in landfills."

Of ISRI's 1,700 members, more than 400 are U.S. electronic recyclers.

## Wax coating usage down in corrugated industry

Oct. 31, 2013

By Editorial Staff, Resource Recycling

A new study on wax coating usage in the corrugated industry shows a major shift toward recyclable alternatives.

The Corrugated Packaging Alliance (CPA) released findings on Tuesday that indicate wax coating usage in the corrugated industry is down 33 percent since 2002. Usage of recyclable wax alternatives, on the other hand, has skyrocketed.

According to CPA, the corrugated cardboard industry shipped just 1.3 billion square feet of boxes using alternative coatings in 2002. Ten years later, in 2012, the industry shipped 9.4 billion square feet of the boxes, a 621 percent increase.

Supplemental data on wax coating usage details the opposite trend. The corrugated industry shipped an estimated 17 billion square feet of boxes using traditional wax coating in 2002, while in 2012 the industry shipped a little more than 11 billion square feet of boxes using wax coating.

The gravitation toward alternatives to wax coating is no coincidence, as the industry has actively sought to develop wax coating alternatives that provide similar moisture and vapor protection but allow for the boxes to be recycled. According to CPA, the recovery rate of old corrugated boxes reached 91 percent in 2012, thanks to the increased usage of wax alternatives. As of October 2013, 46 recyclable wax alternatives have passed repulpability and recyclability testing to become certified alternatives by the Fibre Box Association.

**Newsletter Contact: - Kathy O'Hern**

Send your questions or submissions for upcoming issues to:  
[kohern@mt.gov](mailto:kohern@mt.gov), 406-444-9879

*It is noted that a stopped clock is correct twice each day.  
In a similar manner, a person who is unchanging appears  
wise occasionally.*

*- Jonathan Lockwood Huie*