

# Montana Solid Waste News



## SUMMER 2013 ISSUE

### Montana Landfills

By Kathy O'Hern

The EPA's Resource Conservation and Recovery Act (RCRA) changed the way that landfills in the U.S. are built and operated. RCRA addressed where landfills can be located, how they are designed, added operation elements, required groundwater monitoring, and more. In some cases the changes were too expensive, and many small landfills chose to close because of RCRA.

Other landfills were resistant to the changes put forth by RCRA. State inspectors were harbored with "persuading" many landfills to comply with the new rules. In reviewing the old files for Montana landfills, and in speaking with some of the landfill inspectors from that era, it sounds like getting many landfills to comply was something similar to the days of the unlawful, wild west!

Now, however, more than 20 years later, it appears to me that landfill operators know the laws and what they need to do to keep their landfills compliant and, for the most part, are doing it. I guess the days of the wild [landfill] west are over.

It's been fun visiting Montana landfills, and other solid waste facilities, and observing how the same work is accomplished in a variety of ways using various types of equipment and personnel. To me it's obvious that most Montana Solid Waste Facility operators take pride in the way their facilities look and operate, and do their best to work within the current solid waste rules.

#### 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)

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## Rick's Corner

*Rick Thompson,  
Section Supervisor*

The winds of change have brought two new staff members to the Solid Waste Program. John Collins and Brady Christensen have recently joined, respectively, the Solid Waste and the Junk Vehicle Programs. John and Brady are not new to the DEQ and state government. Prior to joining the SWP both were employees (inspectors) in the Hazardous Waste Section of the Waste and Underground Tank Management Bureau. John replaces Martin Van Oort as the Solid Waste Program hydrogeologist\inspector, and Brady replaces Carda Taylor in the Junk Vehicle Program. We are excited to have both gentlemen join our crew, and they are looking forward to meeting and working with you. Please welcome them into the solid waste\junk vehicle world when you have an opportunity to do so.

That is all I have for this edition. As usual the newsletter is packed with interesting articles and information thanks to Kathy and the other program staff. If you have any questions, please do not hesitate to contact any member of the Solid Waste Section or myself.

Keep up the good work, and be safe.



## Got Birds?

Migratory Bird Depredation Permits are issued through the US Fish and Wildlife Service. The application process involves three steps:

Contact your USDA Wildlife Services for technical assistance.

If a permit is justified, a USDA biologist will issue a WS 37 to the requestor.

The requestor will submit a permit application to the US Fish and Wildlife Services.

The permit process is not difficult. However, you will need to show that the birds are causing damage to your facility in some way.

More information about the permit process can be found at: [http://www.aphis.usda.gov/wildlife\\_damage/fed\\_permit.shtml](http://www.aphis.usda.gov/wildlife_damage/fed_permit.shtml)



Guess which Montana Landfill this is...



## Upcoming Solid Waste Training

### 8-Hour HAZWOPER Refresher Course

**October 8, 2013** La Quinta Inn & Suites - Rocky Mountain Room  
1 Holiday Park  
Butte, Montana 59701

Instructor: Tiffany Ott-TSO Industrial Hygiene

*Online registration beginning August 15, 2013*

### Transfer Station Design and Safety, and Container Site Management

**November 6-7, 2013** Best Western Great Northern Hotel  
835 Great Northern Blvd  
Helena, Montana 59601

Instructor: Neal Bolton - Blue Ridge Services  
Presentations by: Mark Nelson - Lake County Transfer Station, and the Flathead County Solid Waste District (invited.) Includes a tour of the Helena Transfer Station.

*Online registration beginning September 10, 2013*



### EPA Renovation, Repair & Painting Course

Instructor - Mike Vogel

8 Hours Certification Course  
Thursday August 8, 2013

Montana Weatherization Training Center, Bozeman

Cost: \$200

For more information or to register contact Mike Roberty at [mroberty@montana.edu](mailto:mroberty@montana.edu) or call (406) 994-6386.

### Safety Training DVD Loan Program

The Solid Waste Program has developed 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

## Joint SD, ND, and MT Solid Waste and Recycling Conference

Mandan, North Dakota, September 10-12, 2013

The Montana Department of Environmental Quality (MT DEQ) is joining up with the North Dakota Solid Waste and Recycling Association (NDSWRA) and the South Dakota Solid Waste Management Association (SDSWMA) for a Joint Solid Waste and Recycling Conference. The conference will be held Sept. 10<sup>th</sup> through Sept. 12<sup>th</sup> at the Best Western Seven Seas Hotel & Waterpark in Mandan, ND.

The conference will kick-off the afternoon of Tuesday, Sept. 10<sup>th</sup> with either a tour or a round of golf. The tour will feature the City of Bismarck Solid Waste facilities including their landfill, recycling operation and household hazardous waste collection building, and there will also be a tour of the City of Mandan Remediation site. Golf will be at the Tom O'Leary Golf Course in Bismarck. After the tours and golf, a social hour will begin followed by dinner and entertainment. This is a great chance to get to meet others and learn about what is going on in our states.

On Wednesday, Sept. 11<sup>th</sup>, the presentations start with three tracks for attendees to choose presentations from: Recycling and Green Track, Operator and Engineering Track, and Energy Track. Attendees are encouraged to

jump from track to track as they find presentations they are interested in! All three states will be highlighted in presentations throughout the conference. Thursday, September 12, will be a half-day to give everyone the opportunity to head home that afternoon.

Topics include:

- Sustainability
- Oilfield Waste Management
- Landfills
- Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)
- Composting
- Environmental Crimes
- Solid Waste Issues on Tribal Lands
- And more!

This is a great chance for everyone to learn from others.

For more information and registration visit [www.ndswra.org](http://www.ndswra.org) or [www.sdswwa.org](http://www.sdswwa.org).

Or contact Diana Trussell at (701) 328-5164 or by e-mail at [dtrussell@nd.gov](mailto:dtrussell@nd.gov)

### Obituary

#### Larry Dean Leddige

**1959-2013**

At the age of 25, Larry was employed by the City of Wolf Point as a landfill operator. Larry worked at the Landfill for 28 years.

#### HOTEL INFORMATION

BEST WESTERN PLUS Seven Seas Hotel (Host Facility)  
2611 Old Red Trail  
Mandan, ND 58554  
[www.ndhotelsandmeetings.com](http://www.ndhotelsandmeetings.com)  
(701) 663-7401 (local number)  
(800) 741-5072 (toll-free number)  
Room block is under "Solid Waste & Recycling Conference"  
Room rate is \$92/night  
Block is available until Aug. 23rd

BESTWESTERN PLUS Ramkota Hotel (Overflow Hotel)  
800 S. 3rd St.  
Bismarck, ND  
(701) 258-7700  
Room block is under "Solid Waste & Recycling Conference"  
Room rate is \$89/night  
Block is available until Aug. 23rd

Solid Waste main line, 406-444-5300

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

## Interesting things that you see while on inspections...

*In Plentywood, Montana—*



Sometime you see cool and interesting things while driving around Montana for inspections. These model vehicles and heavy equipment are made from aluminum cans. I saw them in a front yard in Plentywood, Montana, just after visiting the landfill there. More “works of art” were in the backyard of this house, but I didn’t venture onto private property. They appear to have been used in a parade since they are on a wheeled frame.

*Kathy O’Hern*



## Asbestos Management Guidelines for Landfills

The management of asbestos at licensed landfills in Montana can be a little confusing. The following excerpts from the recent Solid Waste training featuring presentations on asbestos management are provided to assist you in determining the minimum requirements for your facility:

### Access Control at Waste Disposal Sites

Unless a natural barrier adequately deters general public you must either:

- Install **fences** and **warning signs**, **or**
- Cover daily with 6-inches compacted cover or an approved Alternative Daily Cover (ADC)

### Warning Signs at Waste Disposal Sites

Signs must be:

- Spaced at 330 ft intervals (100 m) or less along property line **OR** perimeter of section where asbestos-containing waste is disposed
- Be posted in manner and location that it is easily read
- Conform to requirements of (20" x 14") upright format signs according to OSHA 29 CFR 1910.145 (d) (4)



[https://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=STANDARDS&p\\_id=9794](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=9794)

### Fencing at Waste Disposal Sites

- Disposal site perimeter must be fenced to adequately deter access by general public
- ARM 17.50.1108 – Access Control:  
*The owner or operator shall control public access and prevent unauthorized vehicular traffic and illegal dumping of wastes by using artificial barriers, natural barriers, or both, as appropriate.....*

### Emissions from Waste Disposal Sites

- There must be either no visible emissions from any active disposal site where asbestos waste is deposited, or
- Waste must be covered with 6-inches compacted cover or approved ADC

### Record Requirements for Waste Disposal Sites:

Maintain Waste Shipment Records (WSR) that include:

- Generator name, address, phone
- Transporter name, address, phone
- Date received and Quantity of Waste
- If waste is improperly enclosed or contained, report to SWP by following working day
- Send signed copy of WSR to generator *asap or within 30-days after receipt*
- Discrepancy between quantity reported on WSR and quantity received must be reconciled upon discovery, *If not within 15-days of receipt, report*
- Records and reports retained for 2-years
- Record and maintain until closure...
- *Location, depth and area, quantity on map*

### Closure Requirements for Waste Disposal Sites

Closure (*in addition to Sub-chapter 14*) **Within 60-days of becoming inactive:**

- Record deed notation notifying property used for disposal of asbestos-containing waste
- Submit survey plat and record of location and quantity of asbestos-containing waste disposed to Administrator (DEQ-SWP)
- Comply with §61.151

### Additional Requirements for Waste Disposal Sites

Planned disturbances of covered areas require notification to Administrator (DEQ-SWP) 45-days prior including:

- Timeline for proposed activities
- Reason for disturbance
- Emissions control measurements
- Storage/disposal location of asbestos encountered

If you have questions about Asbestos Disposal at Landfills contact Mary Louise Hendrickson, 406-444-1808



## Montana Solid Waste Classifieds

Does your facility have equipment that you want to sell? Is there a piece of used equipment that you'd like to locate?

The Solid Waste News is sent to every solid waste facility in Montana. Send your "for sale" or "wanted" items in by October 15, 2013, to be included in the fall issue of the newsletter.



## House Introduces Electronic Waste Recycling Bill

Allan Gerlat / Waste Age / July 24, 2013

The U.S. House has introduced an electronic waste recycling bill prohibiting the exporting of some e-waste to avoid improper disposal.

H.R. 2791, the Responsible Electronics Recycling Act of 2013 (RERA), would create a new section in the Resource Conservation and Recovery Act (RCRA) that prohibits the export of “restricted electronic waste” from the United States to countries that are not members of the Organization of Economic Cooperation and Development (OECD) or the European Union (EU). Restricted electronic equipment means any equipment that contains specific toxic materials at levels greater than those considered non-hazardous by the U.S. Environmental Protection Agency (EPA), according to a news release from the House of Representatives.

With the bill, tested and working equipment could still be exported for reuse. Products also still could be exported for warranty repair or because of recall.

In addition, the proposed legislation would create a research program at the Department of Energy to help evaluate the recycling and recovery of rare earth metals from electronics.

“Each year, millions of tons of e-waste are discarded in the U.S. and shipped to developing nations for unsafe salvage and recovery,”

Thompson said. “By carefully regulating the export of e-waste, this bipartisan legislation creates good-paying recycling jobs here in the U.S., while taking concrete steps to address a growing environmental and health crisis.”

The legislation is supported by the electronics industry, including official backing from Hewlett Packard, Dell, Apple, Samsung and Best Buy. It is also supported by the recycling industry, including the Coalition For American Electronics Recyclers (CAER).

“This is the most important step our federal government can take to solve the e-waste problem – to close the door on e-waste dumping on developing countries,” said Barbara Kyle, national coordinator of the Electronics TakeBack Coalition.

“By requiring responsible recycling of electronic scrap within our borders, RERA will create valuable recycling jobs that add significant economic value,” said Steve Skurnac, president of Sims Recycling Solutions.

### Scrap Auto tidbits...

Automotive recycling decreases insurance rates by purchasing inoperative vehicles from insurance companies, thus allowing for recovery of financial losses. These vehicles came primarily from individual owners and salvage auctions.



Newsletter Contact: - Kathy O’Hern

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

When life gives you a hundred reasons to cry, show life that you have a thousand reasons to smile. — unknown