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.

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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:

1. Contact your USDA Wildlife Services for technical assistance.
2. If a permit is justified, a USDA biologist will issue a WS 37 to the requestor.
3. 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.


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*

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**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. 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 or 406-444-3463.

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**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 or call (406) 994-6386.
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.

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. 10th through Sept. 12th at the Best Western Seven Seas Hotel & Waterpark in Mandan, ND.

The conference will kick-off the afternoon of Tuesday, Sept. 10th 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. 11th, 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.sdswma.org](http://www.sdswma.org).

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

HOTEL INFORMATION

BEST WESTERN PLUS Seven Seas Hotel (Host Facility)
2611 Old Red Trail
Mandan, ND 58554
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

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
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
- 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)


**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.
When Right Is Wrong
Bruce Hooker/Waste Age/Feb. 2013

A recent study of right-turn accidents involving waste trucks has revealed a disturbing trend. Originally, the study was looking for ways that waste truck drivers could avoid right turn “curb-sneak” accidents. A curb-sneak accident occurs when a waste truck is making a wide right-turn and another vehicle (usually an automobile) attempts to pass the truck on the right, often by using part of the right lane and part of the shoulder of the road.

While the study did indicate a few countermeasures that waste truck drivers can take to avoid curb-sneak accidents, the focus of the study quickly changed as it became clear that right turns were a leading cause of waste trucks striking pedestrians and bicyclists. A look at news headlines for the past several years confirms this troubling pattern of waste trucks hitting bicyclists and pedestrians while attempting to make a right turn:

A 59-year-old California man was crossing the street in the crosswalk on a green light when a waste truck making a right turn struck him. The man was dragged under the truck more than 50 feet, and suffered life-altering injuries. A settlement of $3.7 million was reached to compensate the man for his injuries.

A Michigan woman in a wheelchair was killed when a waste truck that was making a right turn on red dragged her. The driver was charged with negligent homicide.

A waste truck in Oregon had just passed bicyclist who was heading in the same direction on the street. When the truck slowed down to make a sharp right turn the bicyclist ran into to the truck’s rear tires and was crushed to death.

The driver of a waste collection vehicle in Tennessee struck and killed a skateboarder as the truck was making a right turn. The skateboarder was pinned under the truck and dragged more than 100 feet before the driver realized something was wrong.

A waste truck driver making a right turn struck a 63-year-old woman in the crosswalk. The driver was cited for failure to yield to a pedestrian in a crosswalk.

Avoiding right-turn accidents with pedestrians, bicyclists and other vehicles requires extra vigilance on the part of the waste truck driver. Some tips for making a safe right turn with a waste truck:

- Signal the intention to turn well in advance of the turn.
- Be aware of any bicyclists passed just prior to the upcoming turn and constantly check the blind spot on the right side of the truck for bicyclists.
- When making a wide right turn, position the vehicle to the outside portion of the lane without leaving enough room for another vehicle to try to pass the truck on the right.
- Check and double check both crosswalks that will be crossed in making a right turn in an intersection.

Electronic Recyclers International (ERI)
Rey Mashayehki/AMM/July 2013

ERI will open an 81,000 square-foot facility in Aurora, Colorado, in September, 2013. The new Aurora location will more than double the space at its current Colorado facility.

ERI is one of the world’s largest privately held recyclers of electronic waste, processing more than 250 million pounds annually.
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.

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