President’s Corner
By Brad Coleman

February 2019

Happy New Year! 2019 is off to a fast start and, as I write this, January is already almost gone. Our 2019 plans are firming up with the first technical session on March 5 at Geotech and another scheduled for May 7. See the related article for more information. We are looking at improving the format of our annual conference and planning on the Colorado Springs area as the location. This year we plan to do MOLO training earlier in the year (see related article) and intend to add a compost training class at some point this year. Stay tuned for more information.

Feel free to reach out to me (bacoleman@burnsmcd.com) anytime if you have questions, would like to get involved with our chapter, or have any suggestions as to how we can better serve our membership.
Colorado SWANA Scholarship and Awards Information
By John Briest and Jason Chan

Colorado SWANA strives to enhance academic and professional development within solid waste management disciplines. Qualified individuals are invited to apply to the Chapter’s scholarships and awards program. We have granted numerous financial awards for a diverse range of objectives over the past several years. We are working to encourage additional high-quality applications that we can review with our Board for approval.

Who’s eligible? Grants and scholarships may be awarded to any SWANA member, prospective member, or college/university student who meets the minimum qualifications and successfully demonstrates commitment to helping raise standards of excellence for the waste management field.

What’s available? Each year, we are prepared to award ten to fifteen grants of $25 – $500 each for a variety of educational expenses as well as at least one $1,000 scholarship for continuing education or academic expenses.

What’s the criteria? The Colorado SWANA board will review the applications and will prioritize, evaluate and rank the requests on the following criteria:

• The content and timeliness of the training session or educational program;
• The expectation of the training’s benefits as it relates to academic or professional growth for the individual and/or the applicant’s employer;
• Willingness to provide a report, newsletter article, or presentation at the Colorado SWANA Annual Conference, if appropriate;
• For scholarships awards, applicants who do not belong to SWANA and who do not already have a contact / sponsor who belongs to SWANA may be assigned a “sponsor” by the Board who is a member of the organization; and
• If not already a member, level of interest / commitment to join SWANA.

To be considered for a grant or scholarship, please fill out the application form along with a letter (no longer than one page) that describes how you will benefit from the educational and/or training opportunity for which a grant or scholarship would be used. Applications should be submitted at least 30 days prior to the scheduled event or academic period.

More information is located on our webpage: https://coloradoswana.org/programs/scholarships-awards/

Please send completed application form and cover letter to:
John Briest  
CO-SWANA Scholarship Committee  
c/o Weaver Consultants Group  
7340 E. Caley Ave. #110  
Centennial, CO 80111  
jbriest@wcgrp.com

Jason Chan  
CO-SWANA Scholarship Committee  
c/o Waste Management  
5500 S Quebec St, Ste 250  
Greenwood Village, CO 80111  
jchan2@wm.com
Colorado SWANA Annual Conference Coming to the Front Range in 2019
By Cathy Hall

Colorado SWANA has begun planning for the 2019 Annual Conference, to be held in mid-September. Based on member input, the board has decided to hold the event on the Front Range this year, looking specifically in Colorado Springs.

We will issue a “Call for Presentations” in March. We are looking for unique presentations on a wide variety of topics including managing landfill operations, diversion programs, including specialty recyclables, composting, electronics recycling, equipment and fleet management, supervising landfill staff, landfill gas systems, and other solid waste related topics. Selected speakers will receive a free registration for the day they present and an option for a discounted registration to attend the other day of the conference.

Changes this year include condensing the conference to two full days, with the possibility of hosting one day training event in conjunction with the conference. The Chapter has decided not to offer a tour this year, as they have not been well-attended in the past and increase the cost of the conference.

We will secure the hotel contract and dates later in February. Look for updates as the conference planning begins in earnest. We look forward to hosting another great conference event.

Is there something you want to see or hear about at the conference contact Cathy Hall at Cathy.Hall@PitkinCounty.com?

Conference updates can be found at www.coloradoswana.org.

Hello all from San Luis Valley Regional Solid Waste Authority!
By Jim Clare

This is Jim Clare manager of SLVRSWA and I would like to give you some information in the area of solid waste management. I currently serve on the board of Colorado SWANA as a representative for the southern part of the Colorado.

I would like to promote our training session for MOLO (Manager of Landfill Operations) taking place in Colorado Springs the week of May 20th – 23rd 2019. This is a great opportunity for training and its central Colorado location is convenient.

This class will be taught by three great instructors:

- Aaron Byrne - Summit County Resource Allocation Park, Dillon Colorado;
• Jason Chan - Director of Energy Services – Oil Field Services Waste Management, Inc., Aurora CO; and
• Jesse Masten - Solid Waste & Recycling Manager Eagle County, Wolcott, CO.

The location and dates are such that the attendee will not only be able to take the training and testing but will be able to take part in some local recreation and attractions. Located in a pristine area of the state which has some of the best recreation and attractions in the state, this training offers the opportunity to plan some great escapes before or after the course.

There will be an onsite tour of the Waste Management Colorado Springs Landfill as part of the training program. Also, more information will be coming if the attendee and or family want to make this a vacation trip. Some of the events and locations will be listed as time gets closer but we want you to save the date on your calendar for 2019 MOLO training in Colorado Springs, Colorado September 20th - 23rd 2019. Training takes place Monday – Wednesday, May 20 – 22, with the test proctored on Thursday May 23rd.

I would also like you to consider becoming a member of SWANA, which includes a membership to the Colorado Chapter. If you have any questions feel free to contact me anytime or go to http://www.coloradoswana.org for information.

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**Improving Collections & Post-Collection Safety Practices in 2019: Notes and takeaways from SWANA’s Safety Webinar**

by Chris Anderson,

Chris Anderson is the Safety Ambassador for SWANA’s Colorado Chapter. Below are his notes from the Safety Webinar held on Tuesday, January 29th, 2019, 12p ET.

**1st Presentation – David Biderman, CEO & Executive Director, SWANA**

SWANA’s Safety program has been growing last 4 years and includes:

- Safety Ambassadors
- Safety Monday emails
- Training webinars
- Website: www.swana.org/safety
- Partnering with other organizations; and more...

The waste industry’s safety record is unacceptable. Some statistics illustrating this point:

- Safety record getting worse despite new laws and programs
- Waste and recycling industry has 5th highest fatality rate per Government Bureau of Labor Statistics (GBLS); Higher than police or firefighters
- Increased since 2009 after 10-year decline
1st Presentation Notes Continued

- 1 fatality each week and the statistics are probably not capturing all workers, such as temporary workers who are not classified as waste industry workers, but rather as temps per GBLS
- Accidents, injuries and fatalities are disproportionately higher at small employers in the private sectors. These “Small Haulers” should be a primary focus
- 2017 GBLS data (most recent available at present time)
  - 32 Collection fatalities
  - 6 Post-collection
  - 4 MRF
  - Customer safety
    - Customers don’t necessarily understand how to be safe at post-collection facilities; don’t know the dangers
    - Include them in your safety program
    - Use of high-visibility safety gear should be considered a best management practice (BMP) at post-collection facilities
    - Consider producing and distributing a site-specific Customer Safety Video
- 2017 SWANA data
  - 40 Workers total (includes collection and post-collection)
  - 95 Third party fatalities
- 2018 industry fatalities
  - 60 Workers total
    - 41 Collection
    - 19 Post-collection or long haul
  - 101 Third party
- January 2019 – 18 fatalities in 23 days
  - 5 workers
    - 3 Collection
    - 2 Post-collection
  - 9 Third party
- Consider taking the SWANA Safety Pledge or your own site safety pledge
- Engage the front-line employees
  - Pictures & videos – If a picture is worth 1,000 words then a video is worth 1,000 pictures
  - Make safety personal – Why does it matter to them?
  - Look at your own safety data and train on those patterns
- Highest risk accidents and injuries continue to be associated with:
  - Backing/rear end
  - Strains and sprains & slips trips and falls (proper lifting)
- Financial cost significant ($1 M-plus settlements common)
- Need to reach the “Small Haulers” – Consider and outreach program
  - Large companies should support this effort
  - Landfills/Transfer Stations have an opportunity to reach the Small Haulers and spread the safety message
2nd Presentation – Ed DeVries, Project Manager, Waste Collections, Public Works Dept, City of Hamilton, ON

- Importance of understanding the Risk Pyramid and relationship of unsafe behaviors to serious incidents and fatalities
- Benefits of DriveCam, which was implemented at Mr. DeVries organization
  - 72% decrease in frequency of events
  - 74% decrease in severity
  - 50% decrease in at fault accidents
  - Increased focus on high risk behaviors, such as following distance, etc.
  - Opportunities for coaching AND recognition
- Other safety programs
  - Tailgate talks, typically around 6 minutes long
  - Joint health and safety committee
  - Safety spot checks
  - PPE
  - Fleet initiatives
    - Driver safety compliance manual
    - Collision review board
    - Driver training with 3rd party

3rd Presentation – Kasem Cornelius, Operations Consultant, Blue Ridge Services Post-Collections Safety

- 2017 BLS Data
  - 32 Collection fatalities
  - 6 Post-collections fatalities
  - 4 MRF fatalities
- Heinrich safety pyramid
  - 30,000 at-risk behaviors = 1 Major incident (FATALITY)
    - 10 Fatalities in 2017 = 300,000 at-risk behaviors = 822 per day in 2017
- 4 Safety area consistently lacking, based on safety audits, etc.
  - Safety planning documents – 90% not in place or up to date. Review your site’s safety documents and plans to ensure they include:
Safety Training at Landfills Set to Become State Requirement
By Alek Orloff

As safety has been elevated from a side discipline to a core driver of business success, most players in the waste industry have enmeshed safety best management practices into every aspect of their operations. The Colorado Department of Public Health and Environment (CDPHE), through observations by its landfill inspection staff, has recognized this evolution as well. Specifically, they have noticed that landfills with better safety training tend to have not only better safety records but better regulatory compliance, a win-win. CDPHE now intends to codify into the Solid Waste Regulations the implementation of landfill-specific safety training as part of the required components of landfill Engineering, Design, and Operations Plans (EDOPs).

CDPHE proposes adding a new subsection 3.3.8 to section 3.3 of the Colorado Solid Waste Regulations, which pertains to the required components of the EDOP. There are two proposed new requirements: 1) training all personnel thoroughly in facility operations and safety requirements that are relevant to the work they do at the facility; and 2) require the facility to develop a written plan, to be filed with the EDOP, that defines the initial and continuing training that each employee will receive.
Finally, the proposed rules require that facilities maintain both a list of site personnel and their responsibilities, as well as maintain records of their training under the facility’s plan. The Colorado Solid and Hazardous Waste Commission will be responsible for the ultimate approval and promulgation of these changes.

SAVE THE DATE: TUESDAY, MARCH 5, 2019
1Q19 Technical Session on Recycling
By Cathryn Stewart

Colorado SWANA is organizing a session entitled “Seeking Practical Solutions to Recycling for Recyclers, Haulers, and Landfills” that will include a series of brief presentations primarily by recyclers followed by a moderated panel discussion. This will be held on Tuesday, March 5 at the Geotech Environmental facility at 2650 East 40th Avenue in Denver from 10:00 a.m. to 1:00 p.m. and will include lunch. CEUs from SWANA will be offered for this technical session.

Mark your calendar now and look for a Colorado SWANA e-mail coming soon with session description, speakers, and registration instructions.

Also, SAVE THIS DATE: MAY 7, 2019 - 2Q19 Technical Session on Composting

February 2019 Legislative Update
By Darla Arians

2019 has been a busy year already for environmental legislation at the capitol! Please see bills of interest listed here and stay tuned for updates as we move through this legislative session.

SB19-034 “Local Government Recycling Standards for Food Containers” has been introduced concerning a local government’s authority to establish standards for the use of environmentally discardable food containers, and, in connection therewith, authorizing a local government to establish standards for the use of ready-to-eat food containers that may be discarded through recycling or composting. Currently, state law preempts local governments from restricting or mandating the specific handling of containers for any consumer products. The bill allows a local government to set a standard for a retail food establishment’s use of ready-to-eat food containers that may be discarded through recycling or composting.

SB19-096 “Collect Long-term Climate Change Data” is a bill concerning the collection of greenhouse gas emissions data to facilitate the implementation of measures that would most cost-effectively allow the state to meet its greenhouse gas emissions reduction goals. The bill requires the Air Quality Control Commission at CDPHE to collect greenhouse gas emissions data from greenhouse gas-emitting entities, report on the data, including a forecast of future emissions, and propose a draft rule to address the emissions by July 1, 2020.
HB19-1143 “Distribute Plastic Straws Only Upon Request” proposes a requirement that a retail food establishment only provide a single-use plastic beverage straw to a customer upon request of the customer. The bill prohibits a restaurant, food vendor, or other food service establishment from providing a single-use plastic beverage straw to a customer unless the customer requests a straw. 

CDPHE is also proposing changes related to the definition of a "person" as it related to the Solid Waste Act: https://environmentalrecords.colorado.gov/HPRMWebDrawerHM/RecordHtml/429103).

Other Related Bills:

HB19-1040 Professional Land Surveyors Continuing Education (Postponed Indefinitely) 
Summary: This bill requires the state Board of Licensure for Architects, Professional Engineers, and Professional Land Surveyors to adopt rules establishing a continuing education requirement for professional land surveyors.
Status: Introduced 1/04/2019, postponed indefinitely 1/30/2019

HB19-1071 Colorado Department of Public Health and Environment Water Quality Control 
Summary: Eliminates the requirement that the state Board of Health approve a municipality's entrance into a joint operating agreement with an industrial enterprise for work relating to sewerage facilities; and clarifies that the board of directors of a water conservancy district must comply with the rules of the water quality control commission concerning the manner in which watercourses of the district are used for waste disposal.
(Note: This summary applies to the re-engrossed version of this bill as introduced in the second house.)
Status: Introduced 1/11/2019, Passed House 1/31/2019, Assigned to Agriculture and Natural Resources in Senate 2/4/2019

Environmental Bills of potential interest:

SB19-083 Colorado Department of Public Health and Environment Air Quality Control 
Summary: Eliminates the requirement that the state Board of Health supervise certain air quality control programs and removes statutory provisions relating to the air pollution variance board and the air quality hearings board.
Status: Introduced 1/14/2019, Passed Senate 1/29/2019, Introduced House 1/31/2019

HBSB19-1082 Water Rights Easements 
Summary: The bill clarifies that a ditch right-of-way, unless expressly inconsistent with the terms upon which the right-of-way was created, includes the right to construct, operate, clean, maintain, repair, and replace the ditch, to improve the efficiency of the ditch, including by lining or piping the ditch, and to enter onto the burdened property for such purposes, with access to the ditch banks, as the exigencies then existing may require, for all reasonable and necessary purposes related to the ditch.
Status: Introduced 1/11/2019, Passed House 1/31/2019, Introduced in Senate – Assigned to Agriculture & Natural Resources 2/5/2019
HB19-1113 Protect Water Quality Adverse Mining Impacts
Summary: Current law does not address reliance on perpetual water treatment as the means to minimize impacts to water quality in a reclamation plan for a mining operation. Section 1 of the bill requires most reclamation plans to demonstrate, by substantial evidence, an end date for any water quality treatment necessary to ensure compliance with applicable water quality standards. Current law allows a mining permittee to submit an audited financial statement as proof that the operator has sufficient funds to meet its reclamation liabilities in lieu of a bond or other financial assurance. Section 2 eliminates this self-bonding option and also requires that all reclamation bonds include financial assurances in an amount sufficient to protect water quality, including costs for any necessary treatment and monitoring costs.
Status: Introduced 1/15/2019, Passed House 2/7/2019

Federal Information:

Congressional Review Act allows both houses of Congress to repeal regulations with a simple majority vote 60 legislative days after the regulations were issued by the federal government. The following may be repealed: New Source Performance Standards - 80 FR 59332 and Emission Guidelines - 80 FR 59276. On August 29, 2016, EPA announced final updates to its New Source Performance Standards (NSPS) to reduce emissions of methane-rich landfill gas from new, modified and reconstructed municipal solid waste (MSW) landfills. In a separate action, EPA also issued guidelines for reducing emissions from existing MSW landfills. Both actions are part of the President’s Climate Action Plan – Strategy to Reduce Methane Emissions.

This email news update is a service provided to members of the Colorado Rocky Mountain Chapter of SWANA. If you would like to share information with chapter members in future updates, please email your information to Dana D’Souza at dsouza@serainc.com.

Also, don’t forget to visit us online at www.coloradoswana.org.