



Used News

WINTER 2014

WSWRA Annual Conference Wrap-Up



New Secretary/Treasurer Cindie Langston is presenting former President of WSWRA Glenn Sugano with an appreciation award for his years of service with WSWRA. We are saddened by the news that on November 2, 2013 our long time friend and former president of WSWRA Glenn Sugano passed away. He was instrumental in helping WSWRA evolve into the strong organization it is today. We will miss you Glenn.

More photos from the 2013 Conference inside...

Sustainability Summit

Save the dates! June 25-27, 2014, Boulder, Colorado

Through this Summit, we strive to create an open, equal platform for inter-departmental collaboration. Representatives from student groups and athletic, recreation, sustainability, facilities, food service, and recycling departments are welcome.

This Summit offers attendees the chance to network, learn, and exchange ideas with peers from around the country on ways in which athletic and sports programs can join the campus movement to make investments into programs and activities that are socially, economically, and environmentally responsible.

This year's agenda is thoughtfully designed to bring collegiate athletics staff, campus recreational managers,

sustainability professionals, and recycling/facility managers together to identify ways to achieve common campus sustainability goals through sports and athletics, save money, foster better inter-departmental relationships, and increase recognition for your institution's efforts.

The Summit features engaging speakers with real world experience in how to achieve economic and environmental results by going green in collegiate sports. The agenda also emphasizes opportunities to share and network through roundtables and informal meetings in a relaxed setting.

"We found our attendance at the Summit to be a great help in focusing our sustainability efforts to achieve our Athletic goals and objectives. Sharing ideas with peer athletic departments and sustainability staff members has been a great help in improving our daily facility operations and game day and event preparations to reduce waste and save money." —Jeff Steele, Associate Athletic Director of Facilities & Operations, Auburn University

To ensure that you get the most out of your Summit experience, the Summit participation has been limited to 250 people. Don't miss out on the chance to represent your school at this year's Summit on June 25-27, 2014 in Boulder, Colorado.

www.collegiatesportssustainability.org



Engage Fans and Alumni • Expand Sponsorships • Save Resources • Gain Recognition

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DEQ Updates

The latest news from the Solid Waste Program:

- Guidelines 19, 20, 22, and 23 have been updated to incorporate statutory requirements for performance based designs. Copies are available at: http://deq.state.wy.us/shwd/downloads/guidelines/Guideline%20info/SW_Guidelines.asp
- We are working on a guideline for annual reports for municipal solid waste landfills with lifetime permits and hope to present it at the next Water and Waste Advisory Board Meeting which hasn't been scheduled yet, but is expected to be held near the end of March. Watch for more information online at <http://deq.state.wy.us/shwd/gwgpages/WWAB.asp>.
- Proposed rules for the MSW Landfill Cease and Transfer and Remediation program are scheduled for a hearing before the Environmental Quality Council on February 25 & 26, 2014 in Casper. You can find more information on the draft rules at: http://deq.state.wy.us/shwd/New_Rules/SW_Proposed_Rule_Changes_2013/sw_proposed.htm. The EQC hasn't posted an agenda for the meeting yet, but their website is: <http://deq.state.wy.us/eqc/>. Questions can be directed to Rebecca Dietrich in Cheyenne at 777-7752.
- Letters have been mailed to landfill operators participating in the State Guarantee Trust Account for financial assurance. Every 4 years operators need to reevaluate their closure and post-closure costs and recalculate payments to the Account. This reevaluation cycle incorporates changes to the calculation process to account for past payments into the account and funds earmarked for closure. Questions can be directed to Mike Jennings in Casper at 473-3450.
- Not to be confused with Financial Assurance, letters have been sent to all solid waste facility operators regarding compliance with the Financial Responsibility requirements of W.S. 35-11-532. This statute requires solid waste facility operators to demonstrate that they have continued revenue or funding streams sufficient to provide for all foreseeable costs of the facility, including but not limited to the full cost of operations, monitoring, recycling, composting and other diversion activities, closure, and

post-closure activities. Information was due to the Department by January 1, 2014, but a number of entities have not yet submitted information. Note, that compliance with this statute is a prerequisite for eligibility for any state grant and loan program available to a municipal solid waste facility and state funding for solid waste landfill monitoring and remediation. Questions can be directed to Mike Jennings in Casper at 473-3450.

- Letters have been mailed to landfill operators interested in participating in the cease and transfer program. A meeting was held on Jan. 29th in Casper to assist applicants on how to fill out the Cease & Transfer application form. If you were unable to attend the meeting and have questions about the application process, call Craig McOmie, Casper DEQ at (307) 473-3487.
- Letters were mailed to landfill operators on January 21, 2014, seeking information to determine the potential statewide cost for the implementation of W.S. 35-11-535 which provides reimbursement for eligible remediation activities conducted between July 1, 2006 and December 31, 2012. The Department is seeking this information to determine how to distribute \$4 million allocated by the legislature for this purpose. Questions can be directed to Patrick Troxel in Lander at 332-6924.
- At this time I am aware of just two pieces of legislation related to Solid Waste; SF 0043 "relating to prioritization of municipal solid waste facilities cease and transfer projects," as well as another bill related to solid waste; HB 0034. The title states that it is "AN ACT relating to municipal solid waste facilities cease and transfer grant and loan program; modifying requirements for engineered containment systems or performance based design standards; and providing for an effective date. You will find information about these and other bills at: <http://legisweb.state.wy.us/2014/billindex/BillCrossRef.aspx?type=ALL>

I hope that you all had a wonderful Christmas! We will have a very busy 2014 ahead of us!

Thanks!

Bob Doctor, PG

Diversion Committee

Resource Sharing Subcommittee

A number of projects have been accomplished as well as continue to progress. Our main goal is to share information across the state through media and other means for the State Diversion Initiative to reduce, reuse and recycle.

- The committee has designed a Diversion Committee Logo with tag line to be used in conjunction with Diversion Committee media, letters, etc.
- Have taken the initiative to work with Deb White

Infrastructure Subcommittee

The infrastructure subcommittee is continuing to work on the survey of materials in order to determine what the best approach to take to develop regional marketing co-operatives. Given the response to the proposed legislation on reporting diversion of materials, it appears that most people would like to see a voluntary reporting system.

State Policy and Legislation Subcommittee

During the September Governor's Citizens Advisory Group on Solid Waste, we presented an idea and suggestion regarding a legislative initiative. Our suggestion, Annual MSW and Waste Diversion Reporting, was received with enthusiasm. Through the efforts of WSWRA Lobbyist and subcommittee member Mark Pepper, we found ourselves on the Joint Minerals Committee September 27, 2013 agenda. The group worked quickly to draft language for submittal to the Legislative Service Office (LSO). From there a draft, 14LSO-0181.W1 Reporting requirements for solid waste facilities, was created. The draft was moving along fairly well and seemed to have the support of the Joint Minerals Committee until we hit a couple of obstacles.

A few WSWRA members voiced concerns via email during our internal review process. The concerns were primarily related to reporting requirements outlined in

regarding the WSWRA Website related to the State Diversion Committee information and updating etc. as well as constructing a Facebook page.

- Will be issuing a campaign related to "Stopping Junk Mail" in an effort to reduce the amount of unnecessary paper distribution.
- Is pursuing a State wide advertising campaign; and
- Researching Fundraising

We are also working on templates for equipment sharing agreements, developing a statewide website to search for recycling drop off locations, and sharing information about best management practices for certain materials (glass, food waste, etc).

The draft. In addition, we felt that "industry" needed to be included in the bill to fully reflect the diversion taking place in the state. As a result, Senator Rothfuss and Representative Greear asked the committee to hold off for a year. This will allow us additional time to better educate our members and to reach out to the private sector. The subcommittee feels that a better understanding of the rationale and purpose of the bill will help us reach consensus from each stakeholder group.

The State Policy and Legislation Subcommittee will be suggesting for "down the road" consideration to have the MSW and Diversion Reporting Bill be a standalone bill, not an amendment to HB0066. This way both government and industry can contribute to the data collection of statewide activities.

2014 AF&PA Recycling Awards

The 2014 American Forest & Paper Association (AF&PA) Recycling Awards are officially underway!

The annual awards program offers opportunities for outstanding paper recycling efforts to be recognized. Applicants in three categories – school, business and community – each have four chances to win: programs will be judged on creativity, participation, partnership, and volume collected. Winners receive a cash prize, an original piece of framed artwork, and visibility in local and national media.

Best practices of winning recycling programs will be featured on paperrecycles.org and in AF&PA outreach materials to inspire and encourage others to take up, or increase, paper recycling. All efforts contribute to the industry-wide goal to exceed 70 percent paper recovery for recycling by 2020.

Don't miss this opportunity to gain attention for your paper recycling program! To apply, visit paperrecycles.org. Deadline for all entries is March 7, 2014.

WSWRA Recycling/Diversion Award Winners 2013

The WSWRA Board of Directors would like to congratulate the winners of this year's awards. These outstanding efforts truly move the needle for recycling/diversion in the State of Wyoming.

Recycler of the Year: Kent Jaspersen.

Kent has been working and solving problems for Teton County Integrated Solid Waste and Recycling (ISWR) for 14 years. During this time, Kent has tackled numerous projects in the Recycling/Diversion program allowing the program to thrive and increase recycling opportunities while becoming more efficient, saving the program money.

Folks that recycle in Wyoming understand the difficulties of recycling certain commodities. Glass is one such commodity. While an extremely popular commodity for citizens to recycle, glass can cause a financial strain on a program due to minimal returns on the commodity vs. the amount of freight charges incurred getting it to market. The ISWR program was no exception to this problem, subsidizing glass recycling to continue the diversion of this commodity. This wasn't acceptable to Kent so he sought to find new markets that would minimize the impacts of glass recycling. One day while reading an article Kent discovered Momentum Recycling, a glass recycler in Salt Lake City. Sending glass to Momentum still didn't create a revenue stream, but did provide consistency in the frequency of the pick-ups, as well as the reduced carbon impact of sending it half the distance as to the previous market. Additionally, a new set of challenges for the program were created as Momentum accepts glass bottles in "super sacks" which Kent had to incorporate into the pre-existing glass bins which proved to be no easy feat.

Because of the increased frequency of glass pick-ups, Kent now had additional storage space at the recycling

center. Determined to make glass recycling economical, he brainstormed a way to subsidize the costs of glass recycling through the utilization of the now available space. Kent devised a plan to collect textiles (a new commodity for ISWR), and ship them with the glass. Because textiles are a valuable commodity their diversion, at a minimum, covered the cost of freight for the entire load. Teton County partnered with local thrift stores to collect unwanted textiles leading to increased diversion of 13 tons monthly from the transfer station and into the marketplace.

Storage of plastic is space consuming and often problematic for recycling programs. Teton County accepts plastics #1 and #2's in their program and Kent saw the need to make the storage of these commodities as efficient as possible to maximize space in the center. Being the ultimate problem solver, Kent designed and built a two-part metal cage on casters, with a divider to hold both plastic grades. The #1 compartment is 12 foot long while the #2 compartment is 16 feet in length. These dimensions are the exact size necessary to produce one bale of each grade of plastic. Kent's design incorporates a sloped floor in the compartment which aids in the ease of unloading while encouraging drainage of moisture from the compartments. Kent has offered this design to any interested parties in WY.

Along similar lines of problem solving regarding efficiencies, Kent tackled another issue for the ISWR. In the past, Jackson Community Recycling collected recyclables at seven community sites in trailers with ten



1-yard compartments. The problem with equal-sized compartments is that they don't fill up equally which requires trailers to be emptied once one bin is full while others may not be. In 2007, seeing the need to address this problem, Kent designed three different custom roll off containers which were purchased along with a roll-off truck to collect them. The configuration of the recyclable storage compartments is such that the bins fill in an equal way, thus eliminating numerous trips to the recycling center with partial loads. These roll-off bins have increased efficiency by over 116% by saving staff hours hauling partial loads and through fuel savings of decreased trips. Kent saved the department thousands of dollars through the design of these roll-offs and in addition, this system allowed the ISWR to offer seven day a week community recycling, instead of just Tuesday-Thursday.

Lastly, the Jackson Hole High School approached Teton County ISWR with concerns about their recycling program. The pre-existing set up had the high school, middle

school and elementary school all sharing a recycling trailer which rotated from school to school throughout the week. High School recyclers felt that the time constraints limited their recycling opportunities and that often times, due to this lack of availability, recyclables were going into the trash. This was unacceptable to Kent so he

provided them with an old dumpster that needed some fixing up. This was a project that he put on the high school students shop class. They repaired hinges and the art class painted the trailer. When the trailer is brought to the recycling center, commodities are weighed so that the students can track their progress. This initiative

Private/Volunteer or 501c3: Scott Gruntmeir of Bald Mountain Sanitation.

Bald Mountain Sanitation services the communities of Buffalo, Kaycee, Ucross, Clearmont, Story, and rural Johnson County.

Scott has tailored his collection operation to separate and divert recyclables from MSW collected on his routes. He markets the diverted materials and has partnered with the Johnson County recycling center to drop off recyclables he doesn't market. Additionally, he returns the favor by collecting, recycling and marketing materials the recycling center doesn't

have markets for.

Scott goes to rural residences and ranches to collect vehicles, farm equipment, appliances, and other scrap metals. He has cleaned old ranch landfills of scrap, sheeting, fence wire, and other materials that would otherwise have been buried on site which leaves spouses grinning as he departs with full trailer loads of materials.

Scott assisted the Johnson County recycling center in 2012 by hauling glass to Sheridan's recycling center freeing up space to allow Johnson

County to continue glass collection. He participates in the Johnson County Conservation District's Hazardous Waste Collection Day, and assists with the recycling center's e-waste collection program.

These are just a few of the impacts that Kent has had on the program and Teton County recycling, great work Kent!

County to continue glass collection. He participates in the Johnson County Conservation District's Hazardous Waste Collection Day, and assists with the recycling center's e-waste collection program.

Scott is married to Susie and has three daughters, Sadie, Sophie, and Sydney. Susie says that "Scott does not need an eighth day in the week because he would just find a schedule for that day also". Keep it up Scott!

Government over 5001 Population: City of Sheridan.

The City of Sheridan Solid Waste Division has been aggressively pursuing a strong recycling program for many years. The impact of their recycling program is currently having a positive impact on both their community and resources. Sheridan has set a recycling goal of 50% MSW and a total diversion goal of 75%. They are currently achieving an overall diversion rate of 45%.

This year Sheridan has increased their public education campaign to include Earth Day festivities in conjunction with other events such as the Local Food Expo and Outdoor Gear Swap to attract more citizens to diversion programs.

The City is active in the public school system where City staff educates students on the importance of

recycling programs. Education activities include: Name the Mascot contest, Earth Day coloring contest, discussions on the do's and don'ts of recycling, to name a few.

The City believes that increased diversion is a direct result of these outreach efforts as well as the decreased contamination in their drop-off sites. Only minimal sorting is now required at the recycling center.

As a result of Sheridan's proactive recycling programs, the City buried less waste in their landfill in 2011 and 2012 than was buried in 2002. The City is deservedly proud of their recycling program and continues to evaluate programs to increase diversion such as single stream curbside recycling collection, providing rebates on utility bills to customers for recycling based

on participation, and other programs to enhance diversion through efficiencies.



Government over 5001 Population: City of Gillette.

The City of Gillette has made a significant commitment towards reducing and diverting waste from the Campbell County Landfill. Staff has established an internal goal to double its current diversion rate from approximately 6% to 15% by 2015. To accomplish this goal, a multifaceted approach has been employed. In addition, the City has relied on the utilization of technology to assist with route efficiency and data collection. The goal was to move from handwritten logs to digital reports. The City saves 40 to 50 staff hours per month utilizing electronic data entry.

The City services approximately 10,000 residential trash accounts. Of those customers, roughly 30% participate in a curbside recycling program. In an effort to efficiently collect and analyze data, staff from the GIS Division developed, in-house, a mapping and data collection application. The curbside vendor, Western Waste Solutions, has been supplied with a Tablet PC in order to identify participating households. Equipped with that capability, participation and set-out rates, plus volume collected, are tracked on a monthly basis. The City is divert-

ing 20 to 30 tons per month with this program.

As a result of the tracking system for curbside recycling working so well, the City applied the same method for the curbside collection of yard waste. This program was launched in April, 2010, and services about 2,000 households. In addition to curbside yard waste collection, the City opened a drop-off site for do-it-yourselfers. Last year the City diverted close to 600 tons via curbside collection. The organic material is composted, tested, and sold back to the public as a soil amendment. The City is a member of the US Composting Council and participates in the Seal of Testing Assurance (STA) program to identify the chemical makeup and to guarantee the safety of the compost.

The City applied for, and was granted, a temporary permit to create a pilot food waste composting program. The program began August, 2012, and received 150 tons in the first four months from seven (7) regional Wal-Mart stores. Once again, the material is combined with yard waste, composted, tested, and sold back to the public. The plan is to gradually expand

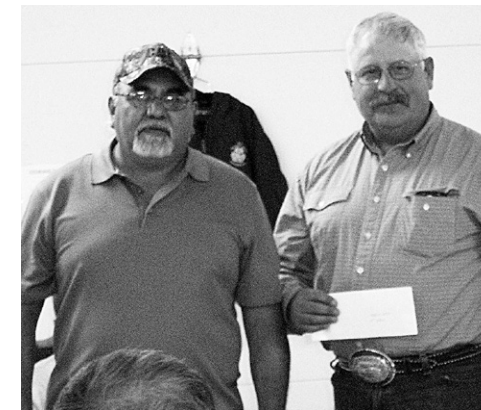


the program to Campbell County Memorial Hospital, Campbell County School District, and local restaurants. The long term plan is to offer curbside collection of food waste as part of a Pay-As-You-Throw tiered trash rate. Food waste represents roughly 25 to 35 of the municipal waste stream in Gillette.

By diverting waste in a pragmatic well planned fashion, the City can easily divert 40 to 50% of its waste by 2020. Those efforts also will benefit the Campbell County Landfill by saving valuable space and ultimately extending the life of the landfill.



Myron and Mike during the banquet



First place Mini golf winners are Steve Martinez and Doug Shimic



Members partaking in conversations and beverages during cocktail hour before the banquet



Board Members in the back row: Linda Roosa, Willie Pitt, Steve Moldt, Bob Doctor, Dennis Pino, Andy Frey, Mike Nelson. Front row: Cindie Langston, Myron Heny, Michael Foote and Clay Muirhead



Vendors are showing their products to potential customers



Members networking prior to the annual awards banquet



Winning Golf Team: Pictured: Mike Jennings, Absent —Pedrito Gella and Walt Stickels.



Members enjoying a round of horse shoe pitching



RECYCLING ASSOCIATION

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Bob Doctor presents Myron Heny with a gold garbage can and plaque in recognition of his years of service. He retired from the WSWRA Board of Directors in August after serving 30 years on the Board. Myron was a founding member of WSWRA. He was instrumental in bringing together all members of the waste management community in Wyoming; including local governments, recyclers and the DEQ. He was always engaged in legislative matters concerning solid waste and continues to serve as the Chairman of the Citizens Advisory Group. It is no exaggeration

to say that WSWRA's 30 years of success is in large part due to Myron's tireless efforts. Our seminars were always successful because Myron kept them running smoothly. Myron, we all hope you'll take advantage of your lifetime membership and join us every year! Don't forget to bring some fresh jokes and lots of extra golf balls.

The Wyoming Solid Waste and Recycling Association (WSWRA) is dedicated to the advancement of knowledge in the planning, operation and management of solid waste and recycling systems within the State of Wyoming, to protect the health and well-being of Wyoming's residents and resources.

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