2012 SPECIAL WASTE MANAGEMENT EXCELLENCE AWARD
CHECKLIST AND RELEASE

2012 Applications must be submitted to SWANA no later than Friday, April 13, 2012

*** PLEASE NOTE THAT ENTRY REQUIREMENTS HAVE CHANGED ***

Application Checklist (Please make sure the following items are included in your submittal packet)

- Completed release statement (this page), to be scanned and included in digital submission
- Check (made payable to SWANA) or credit card payment for nomination fee (in U.S. dollars) via Excellence Award Nominations
- At least 2 pictures of your operation (may be included in nomination text)
- One copy of your award submittal uploaded using your purchased 2012 SWANA Excellence Awards Application Uploading Instructions
- If you would like to mail your submission, please contact Jesse Maxwell, Program Coordinator, at jmaxwell@swana.org or (240) 494-2237.

Release Statement: I certify that the information provided in this application is accurate and correct to the best of my knowledge. SWANA reserves the right to publish the enclosed information. Nominations become the property of SWANA. My signature gives SWANA the right to reprint or make available for purchase any portion of this submittal.

Signature: ___________________________ Date: 04/09/12
SWANA 2012
Special Waste Excellence Award

City of Casper Special Waste and Diversion Facility

Nomination Packet

Submitted by:
City of Casper Solid Waste
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Executive Summary

In 1997, the City of Casper, Wyoming started a household hazardous waste program in a 40' x 60' steel building and small office trailer. Residential customers called for a Saturday drop-off appointment. In the ensuing years, the diversion of infectious waste, cooking oil, electronic waste, propane tanks, fluorescent light bulbs, small business hazardous waste, and rimmed tires were added to the operations. The name was changed to special waste.

By 2010, the program included small businesses that generate less than 220 pounds of hazardous waste as well as surrounding communities’ household hazardous wastes. The Saturday-only appointment changed to a six-day a week, 7:30 a.m. to 4:00 p.m. drop off system. In thirteen years, the volume of materials increased tenfold, and the special waste operations outgrew its facility.

Conceptual design on a new special waste and diversion facility began in May 2005. The ultimate goal was to establish a long-lasting (50 plus years), complete facility at a convenient location designed and built using LEED strategies that would provide the region a more efficient, safety-compliant, operator-friendly, user-friendly, and environmentally-friendly means to recycle or dispose of special wastes. Construction was completed July 17, 2010 and open to the public January 2, 2011.
The planning, design, construction schedule, management, and control techniques used for the construction of the Special Waste and Diversion Facility were different than any other project that had been built by the city of Casper, the architect, and the contractor. Not only was the intent to construct a facility that would meet the special waste disposal and diversion needs well into the future, the facility was also to fit into the city’s overall waste management strategy, be as environmentally-friendly as possible, and be the first building in Casper, Wyoming built with U.S. Green Building Council Leadership in Energy and Environmental Design (LEED) for New Construction (NC) Version 2.2 strategies. LEED strategies are aimed at looking at such aspects of a building as energy savings, water efficiency, CO$_2$ emission reduction, indoor environmental quality, and stewardship of natural resources.

Since none of the parties involved in construction had ever used LEED principles, a strong team effort was the key to a successful outcome. Prior to final design, city of Casper special waste and diversion operational and engineering staff researched special waste facility designs and toured surrounding western regional landfills with similar population sizes and special waste programs. All the take-away ideas from research and tours were combined with the list of needs of Casper’s program.

As another layer to the project, LEED principles were studied and added to the list of design components of the building. A LEED-certified consultant architect was sub-contracted by the project architect to assist with the process. Finally, a plan to build a facility based on a campus style layout that would safely and efficiently take in hazardous wastes evolved into a layout consisting of an administration building, a separate processing building, a row of small garage like storage drop off areas, and three prefabricated hazardous material storage vaults, as well as an area for drummed hazardous material storage was completed.

Once construction began, weekly owner, architect, contractor meetings were held. Unlike other projects, however, operational staff was integral in designing the facility and attending the weekly meetings. Rather than having meetings where only schedules, recently completed items, and upcoming work activities were discussed, the meetings became LEED learning and brainstorming sessions. These sessions produced ideas and agreed upon changes to items like flooring and doors so that more LEED points would be gained. Involving the operational staff from design to final construction proved to be effective for the overall functionality of the facility. The main building in the special waste and diversion facility was confirmed as a LEED gold certified building on April 2, 2012.
The Special Waste and Diversion Facility was constructed on city of Casper land directly east and across the road from the rest of the solid waste facility operations, giving it direct access on its west side to the paved portion of Station Road, the only road leading to the entire City of Casper Regional Solid Waste Facility. It is surrounded on both the north and east sides by a constructed storm water detention pond. The south boundary abuts an array of pipeline easements, which likely dictates that no future buildings will be constructed.

The property was developed to provide both ingress and egress access roads, creating a through pattern for traffic flow. The arrangement enhances the ability to service both commercial and residential traffic in an efficient manner. The entire site was paved with asphalt, which not only provides an all-weather surface for year-round activities, but also establishes an impervious surface to protect the sub-surface soils from any potential product spills.

For the required security and safety of these operations, the site is completely enclosed with chain link fence separate ingress and egress gates, and security lighting. The separate gates allow for necessary traffic control intermingled with periodic truck traffic. The traffic flow through the site permits a smooth unhindered flow through the drop-off locations. Security lighting consists of pole-mounted lighting along the perimeter fence and motion-activated yard lighting on all sides of the central building.

All building structures built on the site were low-maintenance steel construction, with long-lasting exterior finishes. Buildings occupied by personnel are fully insulated for energy efficiency. The facility is based on a campus style layout consisting of an administration and commercial waste receiving building, a separate processing building, a row of small garage like storage drop off areas, and three prefabricated hazardous material storage vaults, as well as an area for drummed hazardous material storage.

Aerial view of the Special Waste & Diversion Facility buildings, across from solid waste facility
The administration and commercial waste receiving building is the focal point of the facility and is a gold certified LEED building. This building houses the administrative and operations staff offices. Advantages are realized by having all staff within the same building to maximize public relations and to increase diversion of special wastes from the landfill. A reception counter serves as the point of contact with the public. From this center of operations, monitoring and control of the site is accomplished through security lighting and closed circuit monitoring camera system.

Adjacent to the reception counter is the swap and shop store where customers find an assortment of useful household products that have been traded-in by others. This allows these items to be recycled back into full use. The overall intent is that these potentially harmful products can be spread through several owners until fully used, with little or no residues left to be placed into hazardous disposal. Other potentially useful items, usually designated for the landfill, are also offered for reuse here.

Another principal area located in this building is the materials segregation space. The enclosed drive-through drop-off lane is located at the rear of this building, with direct access to the segregation area. Here, the products collected from the commercial customers are sorted and stacked by the required segregation process and distributed to the proper on-site storage locations on a daily basis. Adjacent to this sorting area is a scale apparatus necessary for processing payments from commercial customers. This scale is connected to a separated computerized control room to protect the electronic equipment. Also adjacent to the segregation area is a small enclosed laboratory space. This area provides a work counter with an exhaust hood for further examination of unknown materials.

Enclosed in this building are ADA accessible restrooms for both men and women that include lockers and showers with dressing areas. There is also adequate space for building maintenance functions and equipment. Adjacent to the locker rooms is a break room/meeting room equipped with cooking and clean-up operations. A large storage room accommodates file cabinets for record storage and other storage for safety equipment and processing gear. This area was sized to meet both present and anticipated future capacity. Additional smaller miscellaneous storage spaces are provided.

The building has a complete heating and air conditioning system. In addition, it has several emergency exhaust fans with integral intake devices. These assemblies allow for immediate ventilation should a product spill occur. Floor sumps are installed to provide convenient locations for immediate containment of spilled products. These sumps are not connected to plumbing drainage systems, but will be cleaned under controlled conditions. An emergency dousing shower with integral eye wash equipment is included.
Processing Building

The processing building allows for proper processing of all household and conditionally exempt small quantity hazardous waste, such as flammable, toxic, corrosive type wastes. This building provides an isolated and appropriately ventilated area, with both existing and new, larger crushing equipment, that accelerates processing of oil-based paints and aerosol containers over previous operations.

The processing building includes emergency exhausting equipment similar to that in the administration and commercial waste receiving building, with similar shower wash equipment. Adjacent to the processing building is a latex paint drying platform. This is a reinforced concrete structure of slab and walls. This platform provides a durable, impervious surface to inter-mix old latex paint residue with sand to absorb all the liquids for proper disposal. This operation is an integral part of the paint disposal process and is located adjacent to the processing building operation.

Segregated Storage Structure

The segregated storage structure is an eight-compartment structure and provides the storage space in seven of the eight compartments. The compartments are necessary for keeping collected and catalogued waste products segregated until they are processed for off-site disposal. The eighth compartment is designated for drums of waste that have been processed by city staff and are ready to be shipped for disposal. This eighth compartment has a tracking board for insuring hazardous waste manifesting rules are met. Each of the eight storage compartments is designed to contain accidental spills or broken containers. The structure has concrete floors sloped to a trough collection point where spilled products can be safely collected. Each compartment has its own exterior entrance, and the building is located for convenient and direct access to forklift operations for retrieval of waste to be transported to the processing building. This facility was designed with an exterior ventilation unit and a fire extinguisher in each compartment as an added safety measure.

A new reinforced concrete slab was constructed adjacent to the segregated storage structure as a foundation for three prefabricated hazardous material storage vaults, as well as an area for drummed hazardous material storage. The storage vaults are self-contained and temperature-controlled with all required exhaust and fire prevention appliances attached. The pre-fabricated hazardous waste storage unit is for storage of temperature sensitive hazardous waste.
Planning, designing, and building the LEED-certified special waste and diversion facility required a great deal of foresight and teamwork amongst city staff, the architect, and the contractor. From positioning the building so that the long axis is facing south with a passive solar vestibule that heats the building to designing a heating system that is energy efficient yet must circulate fresh air many times an hour to making the facility convenient and self-serve for residents, many obstacles were overcome amongst the team. The building project has received the 2012 Rocky Mountain Chapter of American Public Works Association (APWA) Project of the Year Award and is in the running to receive a national APWA Project of the Year Award that will be announced later this year.

In addition to the completed facility being innovative, its completion has allowed the City of Casper Regional Solid Waste Facility to add new programs to its list of services including a no check-in household hazardous (HHW) waste drop-off area; a reuse program for fertilizer, cooking oil, and fluorescent light bulbs; and a conditionally exempt small quantity generator (CESQG) hazardous waste disposal service and waste reduction consultation service.
The construction of the Special Waste and Diversion Facility for expansion of hazardous waste disposal and special waste handling and diversion programs was in itself a benefit to the environment. That it was designed and constructed in compliance with the US Green Building Council (USGBC) Leadership in Energy and Environmental Design (LEED) for New Construction (NC) Version 2.2 and received LEED gold certification is an additional environmental impact. It provides a model for other building construction projects, and the facility and the programs that the facility supports serve as lessons in environmental stewardship. LEED credits were received for the following:

- using recycled content construction materials;
- using regional materials;
- using certified wood;
- complying with an indoor-air-quality management plan prior, during, and after construction;
- using low volatile-emitting materials;
- installing solar panels and wind turbines, and numerous natural lighting windows in the ceiling and throughout the building;
- diverting cardboard, metal, aluminum cans, and plastic bottles from the construction waste stream;
- including high efficiency HVAC systems and numerous energy efficient features; and
- including a community education program with focus on diversion from the landfill.

During the building process, the city contractually obligated the contractor, W.N. McMurry, to comply with a construction waste management program, wherein a waste management plan was developed in accordance with ASTM E 1609. The components of the plan included salvaging materials for reuse; salvaging materials for sale; salvaging materials for donation; recycling materials; properly disposing of materials; and handling and transportation procedures.

These requirements were in addition to a storm water pollution prevention plan implemented during construction that required the installation of erosion and sediment controls to limit runoff from the project site. W.N. McMurry was also prohibited from discharging solid materials, chemicals, or petroleum products to any waters on the project site. Offsite tracking of sediment was minimized with the use of track pads. A spill prevention control and countermeasures plan for the facility was also developed after construction that requires real-time assessment and inspection of every contractor who collects or dispenses hazardous materials at the Special Waste & Diversion Facility.
The USGBC LEED criteria led the building in a direction that greatly impacted the overall outcome. The facility operates with two wind turbines and two series of roof solar panels generating approximately 80% of the entire facility’s power needs. A video screen displays the current power being created by the windmills and solar cells and serves as a reminder and teaching tools for facility tours.

Reduced power usage was realized by numerous highly efficient energy features such as skylights and insulated windows throughout the building. The use of skylights and windows limits the need for lighting by approximately 90%. The administrative building is oriented so that the long axis is facing south with a passive solar vestibule that heats the building. The heating system circulates fresh air 17 times an hour and reclaims heat from exhaust air so that energy is not wasted.

Other highlights of the building include: Energy Star rated appliances; dual flush toilets; steel structure buildings with a high recycled material content; energy efficient low watt fluorescent bulbs; and motion sensors to automatically turn lights off after a few minutes of inactivity. Some of the furnishings for the building interior were scavenged from items bound for the landfill.
Landscaping & Habitat

On the exterior, the parking lot lights consist of motion sensors and L.E.D. lamps to reduce power use and light pollution. The landscaping consists of native and xeric trees and plants. After one year of irrigating the plants, the landscape is now self-sustaining.

Four and one half acres of city land surrounding the facility lie just north of the North Platte River, which through the LEED process was designated as open space and more importantly “wild,” in an effort to preserve the natural habitat. In addition, the surrounding acres are included on the central migratory bird flyway insuring many migratory species of ducks and other waterfowl have a secure piece of habitat.

Compliance

Prior to the construction of the new facility, the Wyoming Department of Environmental Quality (WDEQ) July 24, 2007 Casper Transfer Station inspection report included the statement: “Department personnel were particularly impressed with the City’s used oil and household hazardous waste management facilities.” The 2007 report is attached. During the Special Waste and Diversion Facility grand opening, WDEQ personnel congratulated City staff on its “state of the art” facility. WDEQ personnel also recommended City staff conduct hands-on workshops for other landfill owners/operators at the Wyoming Solid Waste & Recycling Association (WSWRA) annual conference. The workshops are planned for August 2012 and include “Proper Signage and Setup for Maximizing Segregation Compliance” and “Best Management Practices for Processing Hazardous Waste to Maximize Re-use and Minimize Employee Injuries and Disposal Costs.”
The “Design of Collection Facility/Management System” section of this document details the planning process for designing and building the Special Waste and Diversion Facility. The programs that are able to be realized because of the Special Waste and Diversion Facility are a component of the City of Casper’s Integrated Solid Waste Management Plan (Casper’s ISWMP). Casper’s ISWMP is a 50 year plan to address waste management needs in a multi-county region including twenty-year capital planning. The twenty-year capital planning includes detailed costs estimates for equipment replacement and infrastructure maintenance along with milestone dates for evaluating expansion of programs. A complex rate model was developed to insure continued focus on keeping diversion programs free to residents without raising trash disposal fees. Since the opening of the new Special Waste and Diversion Facility, customer usage has increased by 33%, diversion from the landfill has quadrupled, and operational costs have been reduced.

![Technician Sean Orszulak assists customers at the new special waste and diversion facility. The facility has enhanced the sharps disposal program and the commercial CESQG program along with others.](image)
Funding for the construction of the new Special Waste and Diversion Facility was secured through a County Consensus List Grant administered by the State Loan and Investment Board. (County Consensus List Grant is a program of the state of Wyoming whereby the state provides local counties with funding and all communities within the county must have consensus on how to spend the funding.) With funding secured, final design began in December 2008. The total project was funded and budgeted at $2,500,000. The project was publicly advertised and a construction contract awarded in August 2009 for $1,941,599. The project was completed within budget with no overruns, and the administration and commercial waste receiving building was certified as a gold level LEED building in April 2012.
In 2005, 58 tons per year of household hazardous waste was collected through the City’s HHW collection program. Staff estimated that up to 720 tons per year were still being disposed of in the landfill. Yet, special waste operations had outgrown its storage capacity and its ability to function safely. The building had inadequate ventilation, no sump for easy spill cleanup, inadequate floor space to maintain three feet of clear aisle, no segregation of testing, treatment, and storage, and electrical power consumption that exceeded the service panel rating. Record keeping and customer receipting were performed on a computer located in the same room as the waste, exposing it to chemical vapors affecting its reliability. Because of the poor ventilation, employees were also exposed to chemical vapors making their work environment less than ideal.

Since opening the new Special Waste & Diversion Facility all building, environmental, and safety deficiencies have been eliminated, and the facility maintains an injury free status. In the last year, customer or user visits increased by 33% and tons of HHW and CESQG HW diverted from the landfill quadrupled going from 58 tons to 232 tons. From 2010 to 2011, operational costs increased by $20,700; however, revenues received from car batteries, used oil, CESQG customers, and compost sales increased by $26,450. Revenues have off-set the increase in operational costs and resulted in a significantly improved diversion rate at a slightly lower cost per capita than the previous year; $5.65 per year per resident.

The Special Waste and Diversion Facility supports 80,000 residents in three (3) surrounding counties. Casper was the first in the state of Wyoming to implement a regional facility and support an integrated waste management state-wide planning effort. Casper’s ISWMP incorporates communities from central Wyoming.

Diversion of electronic, yard, and hazardous wastes from the Casper Regional Landfill costs approximately $452,000 annually. Although household hazardous wastes make up a small percentage of the total material diverted from the landfill, the costs and potential environmental consequences of not properly managing and diverting this type of waste far exceeds the cost of operating the facility. However, yard and electronic wastes make a much larger percentage of total material diverted from the landfill and their operational costs are included in the annual $452,000 costs. The goal is to offset the Special Waste & Diversion Facility costs by 2017 with savings in landfill space. The diversion rate increased from 4.8% in 2010 to 8.4% in 2011.
In the completed Special Waste & Diversion Facility, several equipment and technology systems are used for the collection, handling, storage and shipping of materials accepted at the facility. Because employee safety and environmental compliance is regarded with the highest priority, the Special Waste and Diversion Facility uses an array of equipment and technologies for handling special wastes.

Material Handling Equipment and Technologies

To maximize operational efficiencies and minimize personal injury, a variety of material handling equipment is used to transport materials from drop off areas to storage units to processing areas. Material handling equipment includes rolling carts, a forklift with barrel handler attachment, and golf cart.

Processing Equipment and Technologies

There are several specialized pieces of equipment in the processing building including an aerosol can crusher, a single gallon paint crusher, a five-gallon paint crusher, and a fluorescent bulb eater. Staff receives training on proper PPE use and safe operation for each piece of specialty equipment.

Residential Drop-off

As has been highlighted earlier, residents segregate their special waste materials and place each material in the properly designated segregated storage structure. The technologies used in conjunction with the self-serve drop-off are a combination of low-tech and good building design. A plastic tote, that acts as secondary containment, and a fire extinguisher are inside each storage structure. At the back of each storage structure is a sump for collecting any spilled or leaking material. Each material storage garage is signed with special instructions to easily identify where to place a material. Should a customer need assistance, a door bell is labeled for customers to push to activate staff response.

Commercial Drive-Through Drop-off

Commercial CESQG customers place their hazardous material on a large receiving cart available when their vehicle pulls into the building through the drive-through drop-off area. The receiving carts allow staff to easily identify potential problems such as leaking containers, unidentified or unknown materials, or improper packaging of bio-hazardous materials. The receiving cart is rolled to the floor scale where the materials are segregated and weighed for ticketing. Receiving carts are rolled to processing area immediately following completion of a customer transaction.

Personnel utilize specialty equipment such as a fluorescent bulb eater and a paint crusher to process materials.
During the construction phase of the Special Waste and Diversion Facility, the construction company had a comprehensive health and safety program as well as a dedicated Safety and Compliance Officer. Outlined in an 18 page manual, their Safety and Health Program covered everything from their Safety Policy, Accident Prevention Plan, and Drug-Free Workplace Plan to Reporting Compliance and Safety Promotions.

In addition to their internal safety policies, the construction company held a pre-construction meeting with all subcontractors to communicate safety expectations while on the job. The use of personal protective equipment (PPE) was mandated for all workers and visitors on the project. A policy memo was also sent to all subcontractors and vendors reminding them of the safety requirements and the need to communicate the information to their employees. Weekly safety inspections and meetings were conducted where PPE requirements were stressed and potential hazard areas were corrected or communicated to appropriate personnel. Over 18,000 man-hours were expended on the project with zero lost-time injuries.

As to the building design, many aspects focused on employee safety needs and requirements. Some of those features included:

- Three tiered secondary containment for any spilled wastes: (1) storage bins where products are placed, (2) storage structures slope to a containment sump, and (3) parking lot drains with a headgate to contain spills on the parking lot
- Separate buildings using a campus style layout to significantly reduce the odds of losing all buildings due to fire or other like event and would allow the overall facility to function after a loss
- Building ability to self ventilate during a fire after the skylights melt creating more survivable atmosphere inside
- Methane mitigation system insuring any landfill gas will be detected and evacuated through the use of ventilation fans
- Flush mounted scales for added operational efficiency
- Large floor drains with containment reservoirs
- Easy to clean low maintenance surfaces and floors

Also, the new facility has office space, document storage, locker rooms, restrooms, and a break room that are now segregated from hazardous material operations. In addition, there are areas for segregated laboratory testing and segregated processing space for storage and treatment. Employees are no longer exposed to chemical vapors during activities not involved with material processing. Personal protective equipment is available and required for many of the operations performed by staff, and staff continues to train weekly, monthly and annually as required in their hazard assessment plan.
When considering both the construction project and the finished facility, the Special Waste and Diversion Facility at the City of Casper Regional Solid Waste Facility integrated the environmental considerations with community relations from the conception of the new facility to its operation. The initial decision to build the Special Waste and Diversion Facility across the road from the Regional Solid Waste Facility set the stage for little to no inconvenience during construction and reduced to no wait lines when utilizing the facility. The previous special waste facility was kept operational until the new facility opened; therefore, there was no interruption in service.

Other community relations aspects of the finished project include the purpose of the facility, the public education opportunities, and the professional education and emergency response opportunities. First, the purpose of Special Waste & Diversion Facility itself is to divert materials otherwise destined for the landfill in a safe and efficient manner. It is estimated that the facility will divert upwards of 600 tons annually of household and hazardous waste. The facility accepts electronics, hazardous home chemicals, and conditionally exempt small quantity generator (CESQG) waste.

Materials are first identified for re-use. If not able to be re-used, materials are recycled or properly disposed of to prevent contamination of the landfill or improper disposal by residents. Some of those materials that are able to be reused are put into the facility’s swap and shop. At the swap and shop, customers can find an assortment of useful household products that have been “traded-in” by others. This allows these items to be recycled back into full use. The overall intent is that these potentially harmful products can be spread through several owners until fully used with little or no residues left to be placed into hazardous disposal. Other non-hazardous, potentially useful items usually designated for the landfill are also offered for reuse at the swap and shop. The swap and shop provides an area with educational displays for children and several brochures illustrating the various services the Special Waste and Diversion staff provides.
Because the facility is separated from regular solid waste handling operations, wait times for users has been significantly reduced. The convenience for users is believed to be one of the reasons that diversion of special and hazardous wastes from the landfill increased four times and number of customers using the facility has increased by 33% since the facility opened to the public in January 2011. Numerous customers have expressed their gratitude to staff for building a user-friendly facility with many unique features including the segregated, labeled drop off units, swap and shop reuse store, and the drive through for small businesses.

Because the Special Waste and Diversion Facility was built using the latest environmentally friendly attributes, educational stations and signage offer a self-directed tour and information on reducing waste and other environmental education including use of solar panels, natural light, and wind turbines. To date, over 1000 members of the public have toured the facility including young people (kindergarten to college-aged students), elected officials, and users of the facility.

The tours and customer interactions give staff an opportunity to provide one-on-one education about the amount of waste they produce, proper disposal, and alternative options to the chemicals they currently use. Businesses using the facility’s services are pleased to have verifiable records of their disposal efforts. Local pharmacies also take advantage of the sharps container program housed at the new facility. Members of the community with diabetes have come to rely on the program as a safe means to manage their used syringes.

Since this project was the first LEED project that the general contractor, and their subcontractors, the architect and the engineers had ever done, they learned about the ease and cost effectiveness of using environmentally friendly practices and products including recycling, reuse and waste management. It is expected that lessons learned from this project will carry over to other projects in the community.

Because of the new Special Waste and Diversion Facility, the entire region’s state of readiness for hazardous materials response is now superior to what it has been in the past. The facility provides training opportunities, lab and testing for unknown substances, and supplies river booms and absorbent materials for four fire and E.M.S. departments, including the city of Casper fire and EMS department and the county’s emergency management teams. In addition, the facility’s staff can become part of an emergency response, as they are trained hazmat technicians, trained heavy equipment operators, and F.E.M.A certified to integrate into the National Incident Management System.
The city of Casper has built a Special Waste and Diversion Facility as part of its Regional Solid Waste Facility that stands in testament to what strong teamwork and collaboration can accomplish and to the important environmental stewardship that solid waste services and staff provide every day.
Special Waste and Diversion Facility Grand Opening

Wednesday, April 13th at 10:00 a.m.
1883 N Station Rd (across from the solid waste facility)

Protecting our environment...
By properly handling hazardous wastes, we are protecting our groundwater, rivers, streams, soil quality and our drinking water. The City has been operating the special waste and diversion program for 14 years. The program has outgrown the facility located within the gates of the solid waste facility. The new building was needed to properly handle and store hazardous wastes for recycling and disposal.

Ribbon cutting...
Mayor Paul Bertoglio will officially open the facility during a ribbon cutting ceremony at 10:00 a.m. Free tours will be offered until 2:00 p.m. The facility is free to residents of Natrona County and open Monday through Saturday from 7:30 a.m. to 4:00 p.m. Businesses that qualify as conditionally exempt small quantity generators may dispose of waste by making a Friday appointment and paying a fee.

Environmentally friendly building design...
The facility is the City’s first Leadership in Energy and Environmental Design (LEED) building. LEED is an internationally recognized building certification system developed by the U.S. Green Building Council. The third-party verification system rates buildings across a variety of fields including energy savings, water efficiency, carbon dioxide emissions reduction, improved indoor environmental quality, and stewardship of resources. The City has applied for the building’s rating and may receive as high as gold, the 2nd highest rating.

Some LEED features:
- Solar panels and wind turbines to create energy
- Low VOC paints
- Reused doors
- Energy Star appliances
- Occupancy sensors automatically turn on and off lights
- Lit by natural light – windows and sky lights
- HVAC system cycles out 100% of the air in the building with fresh air
Household hazardous waste brochure inside and cover. Educational brochures are available at City Hall, the Solid Waste Facility, the Special Waste & Diversion Facility and for download on the City’s website.