



# American Recycler

NewsVoice of Salvage, Waste and Recycling

AmericanRecycler.com

## Meltdown of non-ferrous metal market

### Slow industrial growth and credit crisis are contributing factors

by Brian R. Hook

Fears of a prolonged recession, thanks to the world-wide credit crisis, is putting pressure on prices of non-ferrous metals, hurting scrap metal processing companies.

“We have witnessed a meltdown of pricing in the non-ferrous sector,” said Jeff Solomon, chief executive of Montreal-based Globe Metal Recycling Services, Inc.

“Low prices have a devastating effect on recyclers. With these low prices there is virtually no margin left on a wide range of (non-ferrous) items and these items will become part of growing inventories of unsold materials accumulating in scrap yards.”

To counter the slowdown in demand, Solomon said the company is working hard to increase volumes and market share at Globe Metal, which purchases all grades of non-ferrous metals and processes 10,000 to 12,000 tons of non-ferrous scrap per year.

York, Pennsylvania-based Consolidated Scrap Resource, Inc. is also trying to grow its non-ferrous business in a “smart and controlled way”, said Ben Abrams, executive vice president and chief financial officer. The Company buys all types of non-ferrous metals and operates six facilities located throughout central Pennsylvania.

“The real challenge has been to operate when prices are constantly falling, as they have been for the last two months,” Abrams said. “But as prices stabilize, we will pay less for our raw material, so we will start to see some consistency in our margins.”

The price paid by Consolidated Scrap for scrap copper in late October was down 60 percent from June, Abrams said. Aluminum was down close to 70 percent.



—PHOTOS COURTESY OF ISRI

Slower economic activity and reduced demand has impacted all non-ferrous commodities, leaving none exempt from current market trends. Pictured are aluminum cans and punchings, brass munition shells and copper chops.

Abrams blames lower demand on expectations for slower growth, adding that there has been an absence of buyers, both from domestic and international companies. He does not expect to see any improvements in demand until manufacturing picks up.

“Our business is no different than other manufacturing businesses. Tighter credit, as we have right now, hurts demand for all types of production,” Abrams said.

Bob Garino, director of commodities at the Institute of Scrap Recycling Industries, Inc. in Washington D.C., characterizes the market for non-ferrous metals as unbalanced. While there is plenty of supply due to lower industrial production, he said there is very little

demand. “We are not seeing any buying to speak of,” he said.

Garino blames slower demand on a slowing economy, adding that demand started to slow this summer, even though prices held steady. “We sensed slower economic activity months ago. It really seemed to start dropping off in the second quarter,” he said.

Garino notes that the Commodity Research Bureau (CRB) Metals Index in late October was down 30 percent from its April peak. The CRB Index consists of copper scrap, lead scrap, steel scrap, and other metals. The London Metal Exchange (LME), an index of LME traded

Continued on Page 4



900 W. South Boundary, Bldg. 6  
Perrysburg, OH 43551-5235

CHANGE SERVICE REQUESTED

## New York City expands public space recycling



City officials gathered for the launch of the expanded program.

New York City Mayor Michael R. Bloomberg announced that the City’s successful street corner public space recycling program is being expanded to 33 new locations throughout the five boroughs. The expansion comes at minimal cost to city taxpayers through the use of existing Department of Sanitation collection resources and partnerships with 18 Business Improvement Districts.

A total of 105 new blue and green recycling bins were positioned around the City so recyclable products would not be deposited in street corner litter baskets. The Public Space Recycling Pilot is part of the

City’s landmark Solid Waste Management Plan (SWMP) adopted by the City Council in 2006. The SWMP provides an efficient and environmentally sound method for handling the City’s waste for the next 20 years.

“The key to maintaining the City’s high quality of life - even during tough times - is learning to do more with less,” said Mayor Bloomberg. “Because of careful planning by the Sanitation Department, this expansion of public recycling will have virtually no impact on the City’s budget. We’re adding 33 new sites to the 10 existing public

Continued on Page 5

### WHAT’S INSIDE

Equipment Spotlight.....	10
On Topic.....	12
Scrap Metals MarketWatch.....	13
A Closer Look .....	14
New Product Showcase.....	20
Events Calendar .....	21
Salvaging Millions.....	22
Business Briefs.....	27
AR Classifieds.....	28
Waste Section Classifieds .....	B7

- New MiniMRF recycling technology created. Page A7
- Anti-theft legislation proves burdensome. Page A8
- Anheuser-Busch recycled 460 billion cans since 1978. Page A11

- U.S. Postal Service brings nationwide paper recycling to lobbies. Page A19
- Algae may fuel engines. Page B1
- New studies support ICGA claims that ethanol fears are unfounded. Page B2

PSRST STD  
U.S. Postage  
PAID  
Columbia, MO  
Permit No. 353



**Mick, Sandra & Tyler Pickett**

Pickett Salvage, LLC  
Boxholm, Iowa

**“We’re kickin’ out the tons  
with our Al-jon 580 CL –  
1,300 tons in about 7 days.”**

When scrap prices are high, the Al-jon 580CL scores extra points for Mick, Sandra and their son, Tyler. “The cycle time is so quick, we can’t bring materials to it fast enough,” explains Mick.

“The long boom easily loads semis that are 10 feet away. Plus, it provides plenty of room to stack bales while we’re waiting for the trucks to catch up,” he adds.

“After seeing others in operation, we think Al-jon makes the best machines on the market.” He explains that resale values prove it. “When we moved up to our 580CL, we sold our first machine, an Al-jon 400XL, for almost what we paid for it – after two years of hard use.

“The Al-jon people are super. They trained Tyler to efficiently operate and perform maintenance. We’ve had no problems with either machine. We’re overjoyed with Al-jon performance.”



Get details today. • Al-jon MFG., LLC • 14599 2nd Avenue, Ottumwa, Iowa USA 52501  
641-682-4506 or 800-255-6620 in North America • [www.aljon.com](http://www.aljon.com)

**KEEPING IT SIMPLE. BUILDING IT STRONG.**

## Kimberly-Clark offers zero-landfill option for disposal of industrial wipers

Kimberly-Clark Professional has launched a partnership with Safety-Kleen to provide its customers with safe disposal options for used WypAll wipers, including a zero-landfill, waste-to-energy option.

As part of this program, customers can have their used wipers delivered to a waste-to-energy facility for energy recovery through incineration, thereby diverting the wiper waste from a landfill. Or they can select a second option: proper disposal of wipers in a landfill.

The Safety-Kleen disposal service provides Kimberly-Clark Professional customers with either a 30 or 55 gallon drum for the accumulation, storage and transportation of used WypAll wipers. The wipers are picked up by request or via a prearranged service schedule. Safety-Kleen handles all required shipping forms and manifests and then transports the used wipers for proper disposal in accordance with all federal, state and local regulations.

"There are many reasons why customers may prefer disposable wipers to reusable laundered shop towels," adds Nedrow. "Health and safety issues for workers may be one of them."

An independent study found that even when "freshly laundered" these towels may contain oil and grease, and elevated levels of heavy metals, such as lead. The study showed how elevated levels of heavy metals on shop towels can get onto hands and then inadvertently into the mouth, where they might be ingested.

In addition to being a potential health and safety issue for workers, reusable laundered shop towels are also responsible for 30 percent more landfilled solid waste than their disposable counterparts. Disposable wipers, on the other hand, contribute only one-tenth of one percent of the nation's landfilled waste.

The laundering of reusable shop towels is also responsible for as much as 95 percent of organic, inorganic and metal contaminants in the wastewater of industrial laundries. And it is estimated that 80 percent of the 13 million pounds of hazardous contamination industrial laundries discharge into municipal sewer systems every year comes from the wastewater of laundered shop towels.

## California makes mercury thermostat recycling free

The California Product Stewardship Council (CPSC) announced a new law cosponsored by CPSC and Sierra Club California.

The Mercury Thermostat Collection Act of 2008 (AB2347) was authored by Assemblymember Ira Ruskin, Redwood City.

When the law takes effect, July 1, 2009, heating and air conditioning wholesalers with physical locations in California, will be required to collect thermostats from the public. Retailers are also encouraged to participate.

# UPS acquires hydraulic hybrid vehicles

—PHOTO COURTESY OF UNITED PARCEL SERVICE

As part of a public-private partnership to increase the commercial availability and use of alternative fuel vehicles, UPS announced its first purchases of a little-known technology - the hydraulic hybrid vehicle - that promises dramatic fuel savings and environmental benefits.

The technology, originally developed in a federal laboratory of the Environmental Protection Agency (EPA), stores energy by compressing hydraulic fluid under pressure in a large chamber. UPS was the only company in its industry asked to road-test the technology two years ago and now becomes the first delivery company to place an order for hydraulic hybrid vehicles (HHV).

"There is no question that hydraulic hybrids, although little known to the public, are ready for prime time use on the streets of America," said David Abney, UPS's chief operating officer. "We are not declaring hydraulic hybrids a panacea for our energy woes, but this technology certainly is as promising as anything we've seen to date."

Disclosing the results of its road testing on Detroit routes for the first time, UPS and the EPA said the prototype vehicle had achieved a 45-to-50 percent improvement in fuel economy compared to conventional diesel delivery trucks. UPS believes similar fuel economy improvements and a 30 percent reduction in CO2 are achievable in daily, real-world use. The EPA believes the technology can perform equally well in other applications such as shuttle and transit buses and refuse pick-up trucks.

UPS will deploy the first two of the new HHVs in Minneapolis during the first quarter of 2009. The additional five HHVs will be deployed later in 2009 and early 2010.

With a diesel "series" hydraulic hybrid of the type being purchased by UPS, a high-efficiency diesel engine is combined with a unique hydraulic propulsion system, replacing the conventional drivetrain and transmission. The vehicle uses hydraulic pumps and hydraulic storage tanks to capture and store energy, similar to what is done with electric motors and batteries in a hybrid electric vehicle. In this case, the diesel engine is used to



UPS plans to have the first two units put into service in Minneapolis early in 2009. The others will follow later in 2009 and early 2010.

periodically recharge pressure in the hydraulic propulsion system. Fuel economy is increased in three ways: vehicle braking energy is recovered that normally is wasted, the engine is operated more efficiently, and the engine can be shut off when stopped or decelerating.

The EPA estimates that when manufactured in high volume, the added cost of the hybrid components can be recouped in less than three years through lower fuel and brake maintenance costs.

Eaton began working with the EPA in October 2001 under a Cooperative Research and Development Agreement involving hydraulic hybrid systems and components. As part of Eaton's role in

designing and developing hybrid technologies, the company's engineers were co-located at the EPA's Ann Arbor, Michigan facility. Eaton also earned a number of hybrid power system patents and continues to work on a number of other hybrid vehicles initiatives with UPS and others.

The HHV vehicle order follows the May 2008 purchase of 500 hybrid electric and CNG vehicles and the April 2008 deployment of 167 new CNG vehicles in Atlanta, Dallas, Los Angeles, Ontario, San Ramon, Fresno and Sacramento. With UPS's new purchases, the company's "green fleet," already the largest private fleet in the transportation industry, will total more than 2,100 vehicles.

## Aluminum Sweat Furnaces —An Essential Tool for Recycling Aluminum—

Model No.	Capacity Example	Holding Chamber (approx. weight)
AK3500	8-9 transmissions	500-600 lbs.
AK5500	15-16 transmissions	750-800 lbs.
AK6000	20-22 transmissions	850-900 lbs.
AK7000	40-45 transmissions	1,200-1,500 lbs.
AK8000	50-55 transmissions	3,000-3,200 lbs.
AK8500	70-80 transmissions	4,500-5,000 lbs.

Waste oil and gasoline burners are also available. Other models and sizes available to fit any need!



Aluminum King Manufacturing, Inc.  
641-732-5558 • Fax 641-732-1385  
www.AluminumKing.com

**\$**

At today's fuel price, cost of operation is .02¢ per pound with 50% recovery material.

—AK Customers Only—  
Remarket sows for around \$1.20 per pound.

Aluminum King furnaces meet the industry standards and are backed by a company with a solid reputation. Our years of experience provide the best customer support.

**ARPI of USA**  
866-804-3829  
www.arpiusa.com

**POWER WIRE STRIPPER**  
Our patented design offers the best bench top model available!

RES 16awg. up to 250mcm  
COMC 14awg. up to 600mcm

Processes up to 4,200 feet per hour!

Safely strip stranded, solid, single or romex plastic-coated wire  
EASILY, ECONOMICALLY AND QUICKLY.

# Pennsylvania supports clean energy projects

Pennsylvania Governor Edward G. Rendell announced the investment of nearly \$12 million in alternative clean energy projects that will create at least 1,200 full- and part-time jobs and attract nearly \$118 million in private investment.

The projects are expected to generate at least 488,363 megawatt hours of electricity and conserve another 2,500 megawatt hours, which is comparable to creating enough power from clean energy to power almost 50,000 homes.

The Alternative Energy Investment Fund signed by Governor Rendell will invest \$665.9 million, of which \$237.5 million is specifically targeted towards helping consumers conserve electricity and to manage higher energy prices and \$428.4 million to spur the development of alternative energy resources and to create at least 10,000 jobs in these industries.

The Governor signed legislation in October to help consumers save \$500 million over the next five years through a combination of conservation measures, energy efficiency tools and requirements that utilities provide service at the lowest reasonable rate.

After years of inactivity, the Governor reactivated the Pennsylvania Energy Development Authority (PEDA) to help spark innovation and economic development in Pennsylvania's energy industry. Since 2005, PEDA has approved 105 grants and loans totaling more than \$44 million for clean energy projects.

Applicants for PEDA financing can seek grant assistance to help pay for capital costs for a variety of innovative, advanced energy projects, such as solar energy; wind; low-impact hydropower; geothermal; biologically derived methane gas, including landfill gas; biomass; fuel cells; coal mine methane; waste coal; integrated gasification combined cycle; demand management measures, including recycled energy and energy recovery, energy efficiency and load management; and clean, alternative fuels for transportation.

Applicants with projects related to distributed generation for critical public infrastructure are particularly encouraged to apply. PEDA financing is available to organizations operating in Pennsylvania and to those businesses interested in locating energy operations in the state.

## Non-ferrous

Continued from Page 1

metals, peaked in March and was down 52 percent in October.

Industrial production feeds into the total supply chain, Garino said, adding that the processors, therefore, are not looking for metals and that slows down everything coming into the metal scrap yards as well. "It's all down across the board," Garino said.

"The economy is weak and I don't think you can assume that it is going to correct anytime soon," Garino said. He said it could be mid-2009 before a recovery.

Price forecasts this year and next have been aggressively scaled back due to anticipated surpluses. Garino said some forecasts project copper prices will average below \$2 next year, noting that copper is often used as a proxy for non-ferrous metals.

"The change has been tremendous and profound," said John Mothersole, senior economist at IHS Global Insight, Inc. in Washington D.C., when referring to the market for non-ferrous metals. "I have never seen a market turn as quickly or as strongly."

Mothersole said deleveraging has now engulfed commodities across the board. "What we've seen in financial markets is clearly spilling over into commodities and that is not surprising since a lot of financial capital has been at play in commodities," he said.

The money that went into commodities is coming out of the market quickly and is contributing to the downward momentum in commodities, he said. "I think the market is pricing in a sharp downward revision in consumption growth for next year," he said.

Mothersole said the market for non-ferrous metals may be near a trough.

## DTE Energy receives EPA WasteWise Award for recycling

The United States Environmental Protection Agency (EPA) has selected DTE Energy to receive the 2008 WasteWise Gold Achievement Award for industrial material recycling. The award recognizes DTE Energy efforts to expand and improve its investment recovery process, to ensure that industrial materials are reused or recycled whenever practical. This innovative, industry-leading program resulted in more than 23 million pounds of material recovered for use in 2007, diverting it from disposal in a landfill.

DTE Energy adopted a new "deconstruction" process in 2007 for removal of unneeded buildings. Under deconstruction, structures are carefully dismantled and the materials are separated for recycling.

The process resulted in reuse and recycling rates of 99.9 and 93 percent of two buildings deconstructed in 2007.

DTE Energy also increased efforts in the recycling of fly ash from its coal-fired power plants. For 2007, the company diverted 269,036,000 lbs. of fly ash from landfills by selling the by-product to be used as an ingredient in concrete.

"But this market psychology is geared to accept any bad news," he said. "Just like we overshot on the upside the last couple of years, we are likely to undershoot on the downside."

Scrap metal recyclers have inventory that was purchased at much higher prices, Mothersole said, therefore it is going to be a long time before the recyclers realize the purchase price. He said recyclers are going to take a loss on a lot of their material.

Mothersole points to nickel as a market that has seen a huge correction. Prices on the LME peaked at \$53,000 a metric ton. Nickel closed in October below \$10,000. Aluminum peaked at \$3,200 a metric ton but closed at \$2,000 in October. Copper hit an all time high of \$8,900 a metric ton, but fell below \$4,000 a metric ton in late October.

"Amazing" and "extraordinary" is how Mothersole characterizes the price movements, "I think it is symbolic of the negative psychology that is pervading the market," he said.

Scrap metal recyclers are going to be under financial stress, which may lead to consolidation in the industry, Mothersole said. "Scrap yards and secondary processors are really going to be under pressure given the high prices that they have been paying."

To make matters worse, the credit crisis roiling the markets has reduced expectations for consumption growth next year. "I think with the kind of psychology that is hanging over the market right now we are very pessimistic," Mothersole said.

When will the market for non-ferrous metals correct itself? "My strong suspicion is that markets are going to undershoot and that there is going to be a snap back at some point," he said. "It all depends on when buyers start to step back into the market."

**American Recycler**

NewsVoice of Salvage, Waste and Recycling

877-777-0737 Fax 419-931-0740

### Publisher and Editor

**ESTHER G. FOURNIER**  
esther@AmericanRecycler.com  
news@AmericanRecycler.com

### Waste Section Associate Editor, Production and Layout

**DAVID FOURNIER, JR.**  
david@AmericanRecycler.com

### Production and Layout

**MARY E. HILL**  
mary@AmericanRecycler.com

### Marketing Representatives

**MARY M. COX**  
maryc@AmericanRecycler.com

**MARY E. HILL**  
mary@AmericanRecycler.com

### Circulation Manager

**DONNA L. MCMANUS**  
donna@AmericanRecycler.com

### Writers and Contributors

**DONNA CURRIE**  
dbcurre@gmail.com

**DAVID FOURNIER, JR.**  
david@AmericanRecycler.com

**MARK HENRICKS**  
mhenricks@austin.rr.com

**BRIAN R. HOOK**  
brhook@msn.com

**IRWIN RAPOPORT**  
irwinrapoport@sympatico.ca

**RON STURGEON**  
rons@rdsinvestments.com

### Production Offices

900 W South Boundary, Bldg 6  
Perrysburg, OH 43551-5235  
877-777-0737 fax 419-931-0740  
www.AmericanRecycler.com

American Recycler is published 12 times per year, postage paid at Columbia, Missouri.

SUBSCRIPTIONS: Call 877-777-0737 or visit [www.AmericanRecycler.com](http://www.AmericanRecycler.com). US 1 year \$48; 2 years \$72.

© COPYRIGHT 2008 by American Recycler. All rights are strictly reserved and reproduction in whole or in part is prohibited without prior written permission from the publisher.

Submission of articles, artwork and all photography must be accompanied by a self-addressed stamped envelope if a return of materials is wanted. Byline contributors' views should not be construed as representing the opinion of the publisher.

American Recycler reserves the right to edit any and all material submitted for publication. All Letters to the Editor must be signed and include a telephone number for verification. The editor of this publication does not accept responsibility for statements made by advertisers herein.



PRINTED ON RECYCLED PAPER

## Scrap to Profits... We Make It Happen!

**Rent This Baler  
On Your Site!**

"Any Project, Any Where,  
Any Time"

**No Job is Too Big... Too Far... Too Difficult**

- Service to Any Location in the U.S.A.
- New Equipment
- Experienced Operators

- Bales Return Higher Profits.
- Around the Clock Service.
- Hazardous Waste Cleanup
- Balers Ready to Serve You



**NATIONAL  
RECYCLING SERVICES**  
ANY PROJECT ANYWHERE ANY TIME

800-503-9111  
[www.nationalrecyclingservices.com](http://www.nationalrecyclingservices.com)

Professional • Reliable • Economical

  
Andrew Lincoln

  
Jeremy Lincoln

## Oregon DEQ proposes spill cleanup approval

The Oregon Department of Environmental Quality (DEQ) is proposing final approval of a cleanup conducted at the spill site at Roberts Creek near Winston, Oregon. The spill occurred in March 2006, when a Truax Oil petroleum tanker truck and trailer carrying 9,100 gallons of gasoline and 2,002 gallons of diesel fuel crashed and caught fire.

Unburned portions of the gasoline and diesel fuel spilled, and a portion of the asphalt road was liquefied by the heat and spread to the environment. The fuel flowed into an unnamed tributary of Roberts Creek. The spill contaminated the right-of-way by I-5 and an adjacent property. An extensive cleanup was conducted. Over 11,000 tons of contaminated soil was disposed at Coffin Butte Landfill, and 159,878 gallons of contaminated water was treated and disposed of at Roseburg Urban Sanitary Authority treatment plant.

Soil sampling and groundwater monitoring indicate no recoverable petroleum product remained. Truax Oil conducted additional assessment of the soil and groundwater. Residual contaminant concentrations are below DEQ levels of concern for construction and excavation workers in the Oregon Department of Transportation right-of-way. Levels in groundwater and surface water are also considered safe for human health consumption. Surface water samples from Roberts Creek were below detection limits for all contaminants. DEQ has determined that there is also no unacceptable risk for aquatic life. DEQ is proposing that no further cleanup action is necessary at the site.

# Abanaki promotes reusing waste oil

## Waste oil can heat facilities that produce it

As manufacturers look for every cost advantage they can find in a sluggish economy, Abanaki Corporation is renewing its call for plants to recycle waste oil for heat or for resale to an authorized recycler. According to the owner and president of Abanaki, headquartered in Cleveland, Ohio, recycling and reselling waste oil can help strengthen the balance sheet.

"If there were not enough environmental reasons to resell or reuse oil already, there's absolutely no reason you should not be reclaiming your oil," insisted Abanaki's Tom Hobson. "The oil you can recycle from your own plant can be reused in an industrial heater or an authorized recycler will buy it from you."

For some time, Hobson and those in his Cleveland-based company have been encouraging plants to recognize the financial advantages in turning waste oil into profit. With an oil skimmer, a company can collect up to 200 gallons per hour of oil or grease from wastewater. "Oil skimming cost-effectively reclaims oil from wastewater, and as heating bills climb during the winter, they can save energy costs by burning it," Hobson said. "In fact, burning spent oil in the proper furnace can often deliver a higher Btu value than new oil."

Since used oil usually has a thicker viscosity, it possesses more energy than #2 fuel oil and more than twice the energy value of LP gas or coal. Waste oils that can be burned for heat include almost any oil up to 50 S.A.E.: metal-cutting oils, lube oil, crankcase oil, transmission and hydraulic fluid, #1 and #2 diesel fuel, vegetable oils and grease.

Much to the surprise of many in industry, the process of a plant burning its own used oil gets good marks from the Environmental Protection Agency (EPA), Hobson said. "The EPA supports the burning of used oil on site," he explained, "because it prevents oil from entering the watershed and eliminates the risk of spills during transportation."

PHOTO BY ANTONIO OQUIAS | DREAMSTIME



Burning waste oil is preferred over storing it or transporting it.

"The EPA is not going to hassle you," Hobson added. "From what I understand a used-oil furnace is just as clean-burning as a standard furnace. Without question, there's more money in your pocket if you can burn waste oil."

Meanwhile, others are opting to sell their waste oil to authorized recyclers such as David Charlton, CEO of Akron-based Rice Environmental Services (RES), a 15-year veteran in the collection and recycling of used oils, as well as anti-freeze and oil filters, from commercial and industrial businesses. Like Abanaki, RES promotes a very public commitment to keeping the environment clean and to treating oil as a limited natural resource.

"It comes down to this — one, you can sell the clean, dry used oil or, two, you can recycle it," said Charlton, whose company is part of the National Oil Recyclers Association (NORA). Established in 1985, NORA promotes "the primary mission of fighting the hazardous waste designation of used oil and [has] aided in the development of the EPA's used oil management standards."

"We're completely on board to remove oil from water," said Charlton, who pointed out that The Rice Companies not only recycle but also sell industrial and automotive lubricants. "It's not just about reusing and recycling. It's about rethinking how things are done. It's the higher goal of sustainability."

Whether waste oil is used for heating the plant or used for putting some dollars back into the plant's operation through reselling or on-site recycling, it is a resource, Abanaki's Hobson said. "If a plant has oil it's not doing anything with," he said, "the oil may get discharged unintentionally in the plant. That's a regulatory fine right there. Considering the alternative of reusing or reselling, the fine is a double-whammy. So why not profit from it?"

Hobson believes more and more plant managers will look to recycling or reselling waste oil to help the bottom line. Only two years ago, an Abanaki-sponsored survey showed 78 percent of respondents were searching for ways to cut plant costs. Thirty-five percent said they would consider burning waste oils. Only eight percent said that their plants already burned waste oil for heat.

## New York City

Continued from Page 1

locations where New Yorkers can recycle newspapers, magazines, and bottles and cans. It's a prime example of how we're continuing to improve New York's quality of life even as city agencies tighten their belts to deal with the current downturn in our economy."

The public space recycling program was launched in April 2007 as part of the city's comprehensive 20-year Solid Waste Management Plan. The first bins were placed in major commercial strips, in parks and at large transportation hubs, like the Staten Island Ferry terminals. As part of the program, large blue recycling bins collect metal, glass and plastic containers and green bins accept newspapers, and other paper products that previously had been deposited into the city's 25,000 street corner litter baskets.

"Last year, the DSNY collected 1.7 million tons of recyclables — about 16 percent of our residential waste. With these additions to the Public Space Recycling program, we expect to increase public awareness of the fact that recycling is one way to make our city cleaner, greener and healthier," said John Doherty, New York City commissioner.

The Solid Waste Management Plan, which was overwhelmingly adopted by the City Council in 2006 and later approved by the State Department of Environmental Conservation, establishes a cost-effective system for managing the city's waste for the next 20 years.

Under the Solid Waste Management Plan, rail cars and barges from marine transfer stations will transport nearly all of the city's residential waste. As a result, sanitation trucks will travel about 2.7 million fewer miles per year, and travel by tractor-trailer trucks will be reduced by 3 million miles per year.

# PEMBERTON®

...The Scrap Handling Specialist!

We manufacture a variety of

- grapples
- buckets
- rakes
- forks
- crushers
- and shears for loaders and excavators.



800.393.6688

pembertoninc.com • salesdpt@pembertoninc.com

Invaluable Gifts are Hard to Find

Purchase a gift subscription for someone special today.

877-777-0737  
www.AmericanRecycler.com



# Michigan wastewater treatment executives guilty of illegal discharge

A federal jury in Detroit, Michigan, has convicted three former managers of Comprehensive Environmental Solutions, Inc. (CESI), a company that operates an industrial waste treatment and disposal facility in Dearborn, Michigan, following a jury trial before U.S. District Judge Victoria A. Roberts.

Michael Panyard, of Pleasant Ridge, Michigan, the former general manager of the company, was convicted of nine counts, including one conspiracy count, two counts of violating the Clean Water Act and six counts of making false statements in connection with illegal discharges of millions of gallons of untreated liquid wastes from the facility. Charles Long, of Brownstown, Michigan, a former plant manager, was convicted of conspiracy and a Clean Water Act violation. Bryan Mallindine, of Carlsbad, California, the former chief executive officer, was convicted of one count of negligently bypassing the facility's required pretreatment system, a misdemeanor violation of the Clean Water Act.

According to the evidence presented during the trial, CESI had a permit to treat liquid industrial waste brought to the facility from throughout the Midwest and Canada, through a variety of processes, and then discharge it into the Detroit sanitary sewer system. The facility contained 12 large above-ground tanks capable of

holding more than 10 million gallons of liquid industrial wastes.

During the period of January 2001 to June 2002, facility employees routinely bypassed the facility's treatment system in order to discharge untreated liquid wastes directly into the sanitary sewer system. During most of this time, the facility had no operable equipment to treat incoming liquid wastes and the 10 million gallon tank farm was full, with virtually no capacity to store additional liquid wastes. Nonetheless, the facility continued to accept more than 16 million gallons of liquid industrial waste-streams for purported treatment and disposal. Because the facility had no space available for this additional waste, nor equipment to treat it, company employees discharged nearly 13 million gallons of untreated liquid waste into the sanitary sewer in violation of the Clean Water Act, the facility's permit and the consent order under which the facility operated.

Evidence at trial further showed that the defendants took steps to conceal the lack of treatment from customers and regulatory officials, including Detroit Water and Sewerage Department personnel, through false statements and tampering with legally required compliance samples.

An additional plant manager pleaded guilty earlier this year to violating the

Clean Water Act and has not yet been sentenced.

On September 4, 2008, CESI plead guilty to related charges and agreed to pay a fine of \$600,000 plus an additional \$150,000 to fund a community service project for the benefit, preservation and restoration of the environment and ecosystems in the waters adjoining the Rouge River and the Detroit River. In addition to accepting responsibility for its past misconduct, CESI, which is under new management, has taken a number of steps during the last several years to install new equipment and systems to treat liquid industrial waste before it is discharged to the sewer.

As a condition of probation, CESI has agreed to abide by the terms of a consent order with the Michigan Department of Environmental Quality for the cleanup of the facility, at an estimated cost of about \$1.5 million that includes the proper disposal of the liquid waste previously stored in the facility's tank farm. CESI has further agreed to develop, adopt, implement and fund an environmental management system/compliance plan at its facility. This will include an annual program to train employees on environmental compliance and ethics, to ensure that all CESI employees understand the requirements imposed by the facility's discharge permit.

# RecycleBank's recycling reward program expands

RecycleBank recycling rewards program is planning to strategically expand operations. RecycleBank's geographic growth into Southern, Mid-Western and Western states brings the company closer to fulfilling its mission of dramatically increasing household recycling rates across the United States.

RecycleBank announced the following launches: Montgomery, Ohio, Sioux Falls, South Dakota, Eden Prairie and Maple Grove, Minnesota, Carrollton and Plano, Texas, North Miami, Florida, Wichita, Kansas, Albuquerque, New Mexico and Knoxville, Tennessee. In each case, RecycleBank has partnered with waste haulers, material recovery facilities (MRF's) and municipalities to bring rewards for recycling to local residents.

RecycleBank rewards people for recycling. With RecycleBank, members earn points for every pound recycled, similar to frequent flier miles programs. All recycling carts carry an ID tag read by recycling trucks during curbside pickup. RecycleBank weighs the contents and converts recyclables into Points that get delivered into personal RecycleBank.com accounts. Members use their Points to shop online or via toll free number. Rewards range from groceries and health care products, to movies, spa and travel.

Municipalities look to RecycleBank to dramatically increase recycling rates while lowering landfill fees and creating greener, cleaner communities. RecycleBank also has partnerships with a number of local and national haulers including Allied Waste Services, Waste Connections, Republic Services, Novak Sanitary Service (a Waste Connections company), Rumpke Recycling, AAA Recycling, and Leck and Sons.

RecycleBank has increased recycling rates by 100% in the municipalities that use its services. In addition to a significant increase in recycling, these communities also see a corresponding reduction in landfill disposal fees, a disposable income boost for households that recycle, and a renewed focus on sustainable action to protect our environment.

# Tampa Bay residents can now recycle cartons

Global carton manufacturers Evergreen Packaging, Tetra Pak and Elopak, along with Tropicana Products, Inc., and Dean Foods Company announced a new recycling initiative to help residents in Hillsborough, Manatee, Pinellas and Sarasota counties go green and reduce waste.

Through this new partnership, and in collaboration with Waste Management, Inc., residents in these four Florida counties can easily recycle orange juice, milk, soy, broth and other beverage cartons by placing them in their recycling bins as part of their curbside recycling program, at no additional cost.



**Rugged. Fast. Durable.**  
Fluid recovery systems that remove 20-30% more fluid than any other system on the market today by rolling and tilting the vehicle.



**Fluid Recovery Lift**

## Fluid Recovery Products



**Fluid Removal**  
Remove oils, antifreeze, washer fluid with Lightning Speed!



**RAPID 45**  
Fluid Removal System



**SATE'LITE**  
Mobile Fluid Recovery

Drain Fluids on the Go!  
Custom setups available.

**Tanks**

Heating your facility with used oil saves you \$\$\$.

Store more used oil with a larger tank  
Single and double walled  
UL Listed  
500-5,000 gal available



Save **\$75**  
On Pictured Items  
When Ordering  
With This Code\*  
**AR240D**



**607-584-0888 www.superior-recycling.com Financing Available!**

## Away-From-Home Recycling Program launched in Minnesota

The Recycling Association of Minnesota (RAM), in partnership with Midwest Coca-Cola Bottling Company and Coca-Cola Recycling, LLC (CCR), Holiday Stationstores, and Hennepin County, Minnesota, launched a new program aimed at increasing recycling outside the home.

*An average of 50 percent of gas station trash consists of bottles and cans.*

Giant, Coke bottle-shaped recycling bins have been placed at Holiday stations throughout the metro area to offer consumers a convenient, on-the-go recycling option.

By the end of 2009, the bins will be at 150 Twin Cities Holiday locations.

RAM will work with PPL Industries and Adult Training and Habilitation Center to hire special needs adults who will collect and sort the material. Hennepin County has provided trucks and funding for sorting equipment to PPL Industries to support this effort.

"While most Minnesotans recycle at home, studies show that recycling rates decrease dramatically when people are away from home. The Coca-Cola - Holiday Stationstores partnership will make recycling convenient and hopefully reverse that trend," said Ellen Telander, executive director, RAM.

"RAM has found that on average 50 percent of the volume of trash at gas stations consists of bottles and cans - items that most people are recycling when in their home."

## Liebherr and John Deere update crawler relationship

Liebherr Construction Equipment Co. and John Deere jointly announced the signing of a long-term sourcing agreement for Deere-branded 950- and 1050-size crawler dozers, and the discontinuation of the existing product supply arrangement for crawler loader machines between Liebherr-Werk Telfs GmbH and John Deere's Construction & Forestry Division of Moline.

Under the original agreement signed in December 2000, Liebherr supplied

large crawler dozers and crawler loaders to John Deere for distribution in the United States and Canada. The companies have agreed that effective January 2010, John Deere's Construction & Forestry Division will design and manufacture the 605, 655 and 755 crawler loader models in their Dubuque, Iowa factory and will continue to distribute its own line of crawler loader models into the United States and Canadian market.

## New MiniMRF recycling technology created

Novelis Corporation launched miniMRF LLC, a joint venture with PRFaction Engineering. MiniMRF builds and operates innovative technology designed to achieve high rates of solid waste diversion. This technology is positioned downstream to recover materials that have already eluded traditional recycling programs and are otherwise destined for landfills.

MiniMRF technology provides landfills and transfer stations with the means to divert up to 15 percent of the municipal solid waste stream, and redirect it back into valuable reuse applications. Currently, the technology targets aluminum cans, steel and a variety of other reusable materials. In its future state, through recovery of PET bottles and additional materials, the technology could achieve diversion rates as high as 40 percent.

"MiniMRF has been operating successfully in central Ohio since August

2008," said John Woehlke, business development manager with Novelis in North America. "We expect strong interest in the technology as people seek new ways to increase recycling and extend landfill life."

As part of their sustainability efforts, both companies are committed to increasing the aluminum can recycling rate. In the United States, approximately half of aluminum beverage cans, more than 50 billion cans, are discarded and sent to landfills annually. MiniMRF is positioned as one viable solution to this vast opportunity and, within the next decade, could recycle up to 4 billion used beverage cans annually. All of the aluminum recovered by miniMRF will be used in the United States, by Novelis, to make aluminum sheet for the sustainable, closed-loop production of beverage cans.

For information regarding miniMRF, visit [www.miniMRF.com](http://www.miniMRF.com).

## Allied Waste converts Buffalo facility to support single-stream recycling

Allied Waste Services has begun at its Buffalo recycling facility to upgrade the facility to single-stream processing of recyclable materials instead of the dual-stream system used currently.

Upon completion of the project, which is expected in the first quarter of 2009, Allied Waste's Buffalo facility will be able to process over 350 tons of recyclable material daily.

Allied Waste will invest approximately \$2 million in upgrading its Buffalo recycling center, which has been providing recycling services to the area since 1991. The resulting switch to single-stream recycling and advanced sorting technologies will enable the Company's Buffalo plant to capture additional plastics, all mixed and broken glass, and reduce the volume of recyclables going to area landfills.

## FAST, SAFE, IMPACT-FREE FILLING OF CONTAINERS

The STECO Scrapper® CL20 is an innovative, complete container loading system designed to safely and quickly load 20-foot standard overseas shipping containers to their maximum capacity while minimizing damage to container walls or floors. The two-part system is comprised of the transfer-trailer base and the container packer/loading sleeve (CL unit). Scrap material is loaded into the CL unit. The unit is then hydraulically inserted into the open side of the container and its contents are transferred sideways using the unit's large flat-face push-blade assembly. Once the CL unit is loaded, the process typically takes less than five minutes.

- Trailer-mounted for easy transport to any location
- Self-contained with own diesel-powered unit, leveling jacks, weight scale
- Stable, heavy-duty for quick set-up, multi-container loading
- Top load with any kind of loader
- It's the CL unit that takes the brunt of impact, not the container
- Use with standard 20-foot overseas shipping containers
- Customizable for more than scrap use
- Made by STECO, a leading manufacturer of waste and demolition trailers



**STECO**

**CONTACT US FOR AVAILABILITY AND PRICING.**

(800) 627-8326 • [sales@stecotrailers.com](mailto:sales@stecotrailers.com)

Watch the video demo at [www.stecotrailers.com](http://www.stecotrailers.com)

**METALS**

# Anti-theft legislation proves burdensome to scrap recyclers

## Delaware and Pennsylvania draft scrap metal theft legislation

by Irwin Rapoport

The states of Delaware and Pennsylvania both have anti-theft legislation for ferrous and nonferrous metals.

The Institute of Scrap Recycling Industries' Mid-Atlantic Chapter (ISRI-MAC) was involved with the negotiations. ISRI-MAC stressed the need for lobbying on behalf of the scrap metal industry to ensure that the regulations put in place are effective but put the least onerous conditions upon scrap metal dealers.

In the case of Delaware, the scrap metal industry was initially excluded.

"We didn't have much of an opportunity in the first round because the legislators were very set on passing something," said Rick Allan, executive director for ISRI-MAC, "but in this last round, we were able to get an amendment changed to provide relief for the dealers."

The change from an 18-day hold to a 7-day hold, the key issue, was achieved through the support of four ISRI-MAC member companies and many scrap processors and dismantlers.

"The legislators weren't receptive to our explanations of how it was going to affect us adversely," said Allan.

The law was passed but until amended in June 2008, it had no effect on scrap yard operations.

"In that interim period we were told that nothing was being done," said Allan, "but then last April we were told that the state police had written the regulations."

ISRI-MAC made it a point to maintain the lines of communications with the police to ensure that its concerns would be addressed in the new regulations.

"The state police were very receptive to amending the holding period. They were also willing to let us use certain reporting forms, if they were pre-approved," said Allan. The ISRI amendments – the hold period and use of pre-approved reporting forms – were approved by the State Senate at the behest of a senator who realized the implications of the longer hold period.

Pennsylvania introduced its legislation in May 2006, but it was not enacted until June 2008.



Changing requirements have caused the development of new products to meet the needs of scrap recyclers. UDC, Inc. produced the Universal Data Camera to capture an image of the scrap and to record the information required for each purchase.

Requests for legislation were made two and a half years ago by the state police as a means of helping them reduce a growing number of scrap metal thefts. The legislation - HB 635 - was passed in June 2006. It required that certain record keeping be done such as recording addresses, descriptions of materials and other standard regulations found in most state laws.

What really irked the scrap dealers was the 18-day hold. ISRI-MAC had met with Governor Ruth Ann Minner to discuss the issue, but was unable to secure changes.

"In February/March of 2006, Rep. Scott Boyd asked if I would consider working with him to draft something that would be agreeable to our industry," he said. "We provided all of ISRI's practices and procedures, which had a menu of options of what works best for your particular company and minimizes your exposure to buy potentially stolen materials."

The options included installing video cameras to record sellers, their driver's licenses and other records.

Continued on Page 14



**BUY DIRECT AND CUT THE SCRAP!**

Direct from ASKO To Your Shear or Baler!

- 175 Different Knife Models Always IN STOCK
- Industry's Highest Quality Blade Manufacturing
- Competitive Volume Pricing Programs
- Rapid Response™ Custom Knife Design

We have Blades and Kits for the following OEM Shears and Balers:

Labounty	Henschel	Moros
Genesis	Canton	Scotty
Harris	Caterpillar	LeFort
Logemann	Enterprise	Vibra Ram
Becker	Sierra Idromec	Al-Jon
Constellation	Econ	A-Ward
Svedala/Lindemann	Lollini	D&K
McIntyre	Richards	Selco
Vezzani	Tezuka	IPS
Allied Gator	NPK	Marathon
Thyssen	Mosley	Rigby
	Pemberton	Deltamatic

**ASKO BLADES DIRECT**

Blades and kits also available for other shears and balers not listed. We have YOUR blade or can make it to order. Call us today!

877-937-2756 Toll Free  
412-461-4110 USA  
www.askoinc.com

# METALS

## Metso Minerals opens metal facility in Ohio

Metso Minerals hosted an open house for scrap metal recycling customers at its new Medina, Ohio manufacturing facility in October.

The new facility has a crane capacity of 80 tons and is expected to double the capacity of Metso Minerals Industries' Ohio operations. It is located near the company's existing, engineering and manufacturing facility in Brunswick, Ohio.

The expansion is part of the company's ongoing effort to be the preferred supplier of precision-engineered equipment and systems for North America's metal recycling industry.



Mike Conway, Brunswick operations manager (left) and Navin Mangal, regional sales manager, show off one of the first Lindemann LIS scrap shears assembled in North America at a recent open house at Metso Minerals Industries' new Northeast Ohio facility.

## Schnitzer reports record quarter

Schnitzer Steel Industries, Inc. reported record net income of \$126 million, or \$4.38 per diluted share, for the fiscal fourth quarter ended August 31, 2008. Revenues of \$1.3 billion were also a record by exceeding one billion dollars. Compared to the fourth quarter of 2007, diluted earnings per share increased 242 percent.

For the fiscal year, the Company reported record net income of \$249 million, or \$8.61 per diluted share. Consolidated revenues of \$3.6 billion were also a record. Compared to the prior year, revenues increased 42 percent, while diluted earnings per share increased 99 percent.

"As we enter a new fiscal year, there is no question that the near-term market environment has changed. While we continue to be optimistic about the long-term forecasted growth in steel consumption and the demand for recycled metals, the markets in the early part of fiscal 2009 have significantly weakened, and it is uncertain when we might see improvements. We believe, however, that our strong balance sheet, positive cash flows and many of the actions we have taken which contributed to 2008 will serve us well in this challenging environment," said John Carter, president and CEO.

## SCORPION™ ENGINE PULLER



The SAS™ Scorpion™ Puller processes vehicles completely in 60 seconds.

**When Quality Means Production!**

12' to 18' SAS Forks™  
Flat and Vertical Tines Available

SAS™ Crushing Forks  
Blades 30% Stronger than T-1

E-mail [Buyit@SASForks.com](mailto:Buyit@SASForks.com)



**SASFORKS**  
engineered tough

[www.sasforks.com](http://www.sasforks.com)

877-SAS-FORK  
877 - 727 - 3675

e n g i n e e r e d t o u g h



# GIVE IT NEW LIFE. PUT IT BACK TO WORK.

Top Prices for:

**Auto Bodies • Non-Ferrous Metals • Convertors  
Wheels • Radiators • Motor Blocks & More**

- On-site Car Crushing -
- Truck Transportation Services -
- Roll Off Containers at Your Location -
- On-site Pickup and Payment -
- Immediate Payment with Every Load -
- 18 Midwest Locations -

## ADVANTAGE METALS RECYCLING

Formerly Galamba Metals Group

3005 Manchester Tfwy.  
Kansas City, MO 64129

1-866-KCShred

[www.AdvantageRecycling.com](http://www.AdvantageRecycling.com)

# EQUIPMENT SPOTLIGHT

## Can Recycling Equipment

by Mark Henricks

In the world of recycling, the humble can rules the roost. Sixty-three percent of steel cans and 52 percent of aluminum cans are recycled each year, for a collective total of some 1.7 million pounds, according to the Can Manufacturers Institute. The reason is that used cans are valuable. Although beverage containers represent less than 20 percent of the materials collected in curbside recycling programs, they generate up to 70 percent of total scrap value. The most valuable commodity in curbside programs, helping to pay for the collection of other containers, is the aluminum can.

Extracting that value, however, does present recyclers with challenges. Aside from volatile commodity markets that control the value of the aluminum they produce, recyclers must cope with contaminants ranging from tin cans to two-by-fours, materials that may arrive in bags, boxes, bins or barrels and, most important of all, the low density of the original stream. The biggest problem with aluminum cans, said Bill Haag, owner of Haag Manufacturing in Otoe, Nebraska, "is they don't weigh anything. You can fill a 40 foot semi-trailer with these and you wouldn't have 3,000 lbs."

The solution to this problem is to flatten the cans. Once flattened, aluminum cans take up a fraction of the space, and can be easily moved via conveyor or even blown with streams of air. "This makes it so it's efficient to transport," said Haag, whose company manufactures the Mighty Mite Can Densifier.

Users of Haag's Mighty Mite load up to 25 lbs. of aluminum cans into a magnetic sorting table which helps to remove ferrous contaminants. Then the cans are tilted into a hopper, which can hold up to 50 lbs. Then a gas or elec-

tric-powered hydraulic piston compresses them into 20 to 22-lb. bales. The stackable bales allow up to 1,500 lbs. of aluminum cans to fit on a single pallet.

Haag said the Mighty Mite, which can handle approximately 500 lbs. of cans per hour, is best suited for small- to medium-sized recycling businesses. "If you're in a situation where you want to buy 500 lbs. or 1,000 lbs. of cans a day, that's fine," he said.

Steve Bunke, co-owner of Prodeva, Inc., in Jackson Center, Ohio, said that many smaller companies choose his company's Model 500 Flattener Blower. This machine separates aluminum cans from steel and mixed-metal cans using an eight inch diameter magnetic head pulley, then crushes the aluminum cans and blows them into trailers, roll offs or other containers.

The Model 500 has a rated capacity of over 2,000 lbs. per hour and produces output with a density of up to 7 lbs. per cubic foot. Material comes in through an 8 inch diameter adjustable delivery tube that is 12 feet long. Dirt and moisture are removed with the help of an infeed hopper screen.

Bunke said that while they do have some Model 500s in larger recycling centers, they target mostly smaller ones. Among the prod-

uct's sales appeals is its design for easy maintenance. "Everything on our machine is easily accessible. Without tearing the machine down, you can replace anything on the machine," Bunke said. "I'd say they're very user friendly."

At C.S. Bell Company in Tiffin, Ohio, Dan White, market operations, said they help to address challenges related to how material arrives at a recycling facility. "If it's coming in loose, bagged, in barrels, in a self-dumping or self-tipping hopper, they have to manage their

cans in more than one format," he said. Because of that, many customers request that he modify their can-flattening and blowing machines to accommodate different forms of input.

C.S. Bell makes a Model CM-95P Can Crusher as well as a Model CS-305 Can Blower. Both can be used separately as standalone machines or combined. "They can be bought at the same time or, if budgets don't permit, they can get a crusher and at a later time buy a blower and roll it underneath," White said. "It's a complementary piece of equipment."

The CM-95P Can Crusher is rated at 1,000 lbs. per hour and employs a ¾ yard hopper and a magnetic separator



C.S. Bell Company

White said C.S. Bell has been working through a stack of back orders, however, and has seen little slowdown. "One of the big drives in the past 10 years has been to increase our foreign presence," he added. "This past year we ended with foreign sales accounting for 40 percent of all sales. That continues to grow."

Bunke reports a mixed bag. "We had a very good year last year, and then everything dried up in the last month or so," he said. "But it's starting to come back now."



Taylor Machinery Corporation

and reject chute. It can be set to discharge into a standard container or feed into a CS-305 Aluminum Can Blower. The blower can process up to 3,000 lbs. per hour of empty whole or crushed cans. Height and angle of its blower discharge tube are adjustable. The blower can be oriented in-line or at a right angle to the crusher.

Perceptions regarding the state of the industry depend on who is doing the talking. Haag and Bunke say sales have slowed since aluminum prices began falling. "Cans are typically around a dollar a pound when you sell them, and we've been paying 50 cents," said Haag. "Now they are about 55 cents a pound and all you can pay for them is 40 cents. Business has taken a hard hit in the past couple of months."



Haag Manufacturing

### Manufacturer List

**C.S. Bell Company**  
Dan White  
888-958-6381  
www.csbellco.com

**CP Manufacturing**  
Judy Command  
800-462-5311  
www.cpmfg.com

**Haag Manufacturing**  
Bill Haag  
402-265-3000  
www.haagmfg.com

**Master Magnets**  
Jonathan Millington  
44 1527 65858  
www.mastermagnets.com

**Prodeva, Inc.**  
Steve Bunke  
800-999-3271  
www.prodeva.com

**Taylor Machinery Corporation**  
Bill Taylor  
859-548-2153  
www.taylormachinerycorp.com



 **The C.S. Bell Co.**

A trusted manufacturer of size reduction & material handling equipment.

 Celebrating 150 years of manufacturing excellence

**888-958-6381**

www.csbellco.com



# METALS

## Steel import permit applications stable for October

Based on the Commerce Department's most recent Steel Import Monitoring and Analysis (SIMA) data, the American Iron and Steel Institute (AISI) reported that steel import permit applications for the month of October totaled 2,908,000 net tons (NT).

This was a 1 percent increase from the 2,867,000 permit tons recorded in September 2008, and a 0.5 percent decrease from the September preliminary imports total of 2,921,000 NT. Import permit tonnage for finished steel in October was 2,340,000 NT, a decrease of 4 percent from the preliminary imports total of 2,428,000 NT in September. For the first 10 months of 2008 (including October SIMA and September preliminary), total steel imports were 27,215,000 NT, down 6 percent from the 28,918,000 NT imported in the first 10 months of last year. Total steel imports for 2008 would annualize at 32.7 million NT, or 2 percent below the 2007 12-month total.

For October 2008, the largest finished steel import permit applications for off-shore countries were for China (658,000 NT), South Korea (171,000 NT), Japan, (170,000 NT) and The Netherlands (91,000 NT). Mainly because of highest 2008 monthly amounts of import permits for Hot Rolled Bars, Line Pipe and Wire Rod from China, Chinese permit tons rose significantly for the third consecutive month and set a new monthly high for 2008. Permit tonnage for Chinese steel increased 16 percent in October vs. September preliminary imports, and represented 28 percent of total finished SIMA permit tons.

Major import products that registered large increases in October vs. the September preliminary include Hot Rolled Bars (up 73 percent) and Wire Rod (up 54 percent). Import product categories with significant increases year-to-date vs. 2007 include Oil Country Goods (up 73 percent), Hot Rolled Bars (up 15 percent) and Hot Rolled Sheets (up 11 percent).

### EQ EQUIPMENT SPOTLIGHT

To be included in the spotlight, you must manufacture the equipment featured. We require a company name, contact person, telephone number and, if applicable, a website address.

To be listed in the appropriate spotlight, please call 877-777-0737.

#### UPCOMING TOPICS

01/09	Catalytic Converter Shears
02/09	Rubber Shredders
03/09	Separation Systems for Electronics Recycling
04/09	Eddy Current Separators

American Recycler is not responsible for non-inclusion of manufacturers and their equipment. Manufacturers are to contact American Recycler to ensure their company is listed in the Equipment Spotlight.

## Anheuser-Busch recycled 460 billion cans since 1978

In 1978, Anheuser-Busch wanted to become part of the solution for recycling aluminum cans. Today, 30 years later, Anheuser-Busch Recycling has kept the equivalent of more than 460 billion aluminum beverage containers out of landfills across the United States and educated consumers about the power of recycling.

A number of initiatives have been developed to celebrate the 30th anniversary of their recycling efforts, including the development of a new website where visitors can learn more about the importance of recycling and how they can create recycling programs in their own communities. In addition, Anheuser-Busch Recycling is distributing thousands of recycling bins to Anheuser-Busch wholesalers across the country to assist in local recycling projects.

"When we first started, our mission was to help create an aluminum can recycling infrastructure by working with the company's wholesalers across the country," said Trevor Hansen, vice president of Anheuser-Busch Recycling. "We purchased and provided each wholesaler can processing equipment and helped set them up as centers to purchase cans from the general public."

As recycling cans became more popular in the mid 1980s, the existing scrap industry became more interested in purchasing cans. Since the primary business of the company's wholesalers is to sell beer, they began transferring the can processing equipment over to these new partners in the scrap recycling industry. Currently, Anheuser-Busch Recycling helps its partners advertise and promote recycling of aluminum cans. More than 700 suppliers still have equipment purchased by the company and use it to process and then sell directly to their partner — Anheuser-Busch Recycling.

"Basically, we purchase bundles of aluminum cans from our suppliers and ship them to our aluminum smelting and

## August steel shipments down 3.9 percent

The American Iron and Steel Institute (AISI) reported that for the month of August 2008, United States steel mills shipped 8,860,000 net tons, a 3.9 percent decrease from the 9,209,000 net tons shipped in August 2007 and a 3.6 percent decrease from the 9,175,000 net tons shipped in the previous month, July 2008.

A year-to-year comparison of year-to-date shipments shows the following changes within major market classifications: service centers and distributors, up 6.0 percent; automotive, down 4.6 percent; construction and contractors' products, down 2.4 percent; and oil and gas, up 5.5 percent.

Although Anheuser-Busch's products have changed over the years, their dedication to recycling has not.



processing facilities that produce aluminum sheet for can making," said Hansen.

Metal Container Corporation, an Anheuser-Busch subsidiary, purchases a large percentage of this processed aluminum sheet and turns it into new aluminum cans that not only supply Anheuser-Busch breweries, but other well-known beverage companies as well.

To encourage and promote recycling, Anheuser-Busch Recycling's dedicated team implements numerous programs, from the company's Recycle Challenge program, where schools earn money from recycled cans to purchase school supplies, to beverage container collection at large venues and events, including in recent years the Daytona 500, Sturgis Bike Week and LPGA/PGA TOUR tournaments. In addition, the company operates a recycling center in Hayward, California, which processes both aluminum cans and plastic bottles.

## The Aluminum Association sets recycling target

The Aluminum Association announced an industry-wide effort to increase the industry's recycling rate for used aluminum beverage containers to 75 percent by 2015. Today, the aluminum industry recovers approximately 54 percent of the aluminum containers produced in the United States. While aluminum cans are already the most widely recycled beverage container in the country, each year Americans still discard over 50 billion aluminum cans.

Raising the recycling rate of aluminum cans to 75 percent would:

- Result in an energy savings of 139.7 million MBTUs in avoided energy.
- Result in the avoidance of almost 9 million tons of greenhouse gases, which is equivalent to removing more than 1.6 million cars from the road over a year.

To achieve the recycling target, the Aluminum Association will work in partnership with other stakeholders to increase public education, grow the recycling infrastructure, and explore new policy initiatives. The Association will encourage and assist local and state governments to consider a range of options.

The United States aluminum industry's recycling rate peaked at 68 percent in 1992, but then declined to as low as 50 percent. More recently, the recycling rate has been gradually increasing again, growing by 2.2 percentage points in 2007.

### TAYLOR MACHINERY CORPORATION

859-548-2153 or 859-361-8694 • fax 859-548-2154  
View our equipment online at [www.TaylorMachineryCorp.com](http://www.TaylorMachineryCorp.com)

### RD 16 ALUMINUM CAN DENSIFIER

AMERICAN MADE

The RD 16 Aluminum Can Densifier can be used for baling other aluminum products, copper wire and even steel cans!



PORTABLE

Patent #6,543,343,132

- Shear Bar for Cutting Aluminum
- Produces 35 lb. Briquettes
- 600 lbs. per hour
- Bales are 16" x 14" x 12"
- Conveyor with Magnetic Separator
- Gas or Electric Powered
- Choice of 220 Single-Phase or 3-Phase Power
- Large Oil Cooler for Continuous Cycling

Choose between a stationary unit or the completely mobile portable model.



STATIONARY

Stacker Board NOW AVAILABLE

# ON TOPIC — Q & A

by Irwin Rapoport

## The current status of non-ferrous metals

With the price of non-ferrous metals declining rapidly in the last couple months, as well as the demand, the scrap metal industry is being affected from top to bottom.

To learn more about the current market and where it may be heading, American Recycler recently spoke with Randy Goodman, the chairman of ISRI's nonferrous division.



—Randy Goodman

**Why have prices for various scrap metals fallen between 30 and 70 percent and how has that affected demand for those materials?**

**Goodman:** As the first link in the manufacturing chain, scrap recyclers are affected by manufacturing decline - indeed, scrap has often been a leading indicator for United States economic activity because basic materials manufacturers are often the first to reduce their purchases as the economy slows down and the first to start laying in inventory as the economy regains strength.

Scrap prices saw an unprecedented crash during an incredibly short period. Since August 2008, copper prices declined nearly 52 percent, aluminum declined 35 percent, and steel declined nearly 85 percent. Never before has the decline in prices or demand been so sudden or severe across the entire United States or global scrap recycling industry.

**When do you expect prices to bottom out and how long will it take for the values to rise again? Will the increases be incremental or dramatic?**

**Goodman:** The disruption in the supply chain for scrap materials will be prolonged by this economic contraction for many more months since scrap producers will not generate significant amounts of scrap. Collection of obsolete scrap for sale to scrap processors will also dwindle as people hold off replacing old products with new ones.

Moreover, scrap processors already plagued with significant inventories, purchased at high prices, will not be anxious to accumulate more scrap with few if any orders likely in the near term. As a result, the supply chain for scrap is broken and now will only recuperate many months after manufacturing production recovers.

That being said, I truly believe that it is not an issue of "whether it will return" but rather "when it will return."

**Can more be done to ensure that more scrap metal can be recovered and will the drop in scrap values affect salvage operations, be they from C&D or industrial operations?**

**Goodman:** I think it is safe to say that businesses are in the business of making money and as the value of scrap falls, the economics of bringing costly scrap to the marketplace becomes unprofitable. There are certain projects in the pipeline that will continue and some that will be put off until the economy gets better.

**How will the decline in automobile production affect the demand for scrap metals domestically and overall, what is your take on global demand for scrap metals?**

**Goodman:** Auto production has been rumored to have dropped from 17 million units to 12 million units in 2008. This is going to have a huge demand impact of both ferrous and nonferrous scrap demands in the United States and around the world.

**Is the scrap industry seeking legislative and regulatory changes from the federal and state governments? What would your immediate priorities be in terms of legislation and regulations?**

**Goodman:** We have not heard of any such legislative package and ISRI has not been seeking any specific package at this time. The best we could hope for is an economic stimulus package to get our economy rolling again, to prime the pump again on the demand side.

**Do you foresee additional mergers within the scrap metal industry and in general, how do you anticipate the development of the industry over the next 5 to 10 years?**

**Goodman:** I would think that most [companies] would be in a "holding pattern" at this time. Businesses are working on conserving resources at this time and I am not sure we will see much activity under these conditions.

As to the future of consolidation in the industry, I believe that there are still synergies to be developed that will continue to encourage both vertical and horizontal integration of our industry.

# METALS

## September steel imports up 15 percent over August

Based on preliminary Census Bureau data, the American Iron and Steel Institute (AISI) reported that the United States imported a total of 2,921,000 net tons (NT) of steel in September 2008, including 2,428,000 NT of finished steel (up 15 percent and 18 percent, respectively, vs. August final data).

While total and finished steel imports through the first 9 months of 2008 are down 7 percent and 8 percent, respectively, vs. the same period in 2007, the monthly average for finished steel imports in the most recent 3-month period (July-September 2008) is up 5 percent vs. the monthly average in the previous 3 months (April-

**U.S. IMPORTS OF FINISHED STEEL MILL PRODUCTS BY COUNTRY OF ORIGIN**  
(Thousands of Net Tons)

	Sep 2008	Aug 2008	Sep 2007	Sep vs. Aug 2008 % Change	2008 Total vs. 2007 Total % Change
China	567	493	334	15.1%	-20.5%
South Korea	246	168	166	46.4%	11.9%
Japan	121	173	95	-29.9%	3.1%
Germany	92	73	79	25.7%	7.8%
India	157	54	79	192.9%	45.7%
Turkey	107	13	60	729.9%	-0.9%
Taiwan	70	57	69	23.2%	-46.0%
Australia	77	63	47	22.5%	28.3%
All Others	992	959	1,097	3.4.2%	-10.3%
<b>Total</b>	<b>2,428</b>	<b>2,052</b>	<b>2,024</b>	<b>18.3%</b>	<b>-8.1%</b>

Source: U.S. Dept. of Commerce, Bureau of the Census

June 2008). Total and finished steel imports on an annualized basis this year are each down 3 percent, respectively, vs. 2007. On an annualized basis, total imports of steel in 2008 would be 32.4 million NT.

Key products with a large increase in September compared to the month before are All Other Coated Sheet and Strip (up 73 percent), Plates in Coils (up 51 percent), Line Pipe (up 48 percent), Oil Country Goods (up 46 percent) and Hot Dipped Galvanized Sheet and Strip (up 34 percent). For the year-to-date in 2008, products with significant increases vs. the same period in 2007 include Oil Country Goods (up 58 percent), Line Pipe (up 12 percent), Hot Rolled Sheet (up 9 percent) and Hot Rolled Bars (up 8 percent).

In September, the largest volume of finished imports from offshore was from China (567,000 NT, up 15 percent from August). This was 23 percent of all finished imports and equal to the entire monthly tonnage from Canada and Mexico. While steel imports from China in the first 9 months of 2008 are down 21 percent compared to the same period last year, Chinese imports for the most recent 3-month period (July-September) are up 69 percent vs. the prior 3 months (April-June). Much of this tonnage is in high-value products still receiving government export tax rebates.

Other major offshore suppliers in September include Korea (246,000 NT, up 46 percent from August), India (157,000, up 193 percent), Japan (121,000 NT, down 30 percent), Turkey (107,000 NT, up 730 percent) and Germany (92,000 NT, up 25 percent).

*If you think you're a person of some influence, try ordering somebody else's dog around.*

**We are Distributors for  
McIntyre Shears, and  
Strip-Tec Cable Strippers  
& Wire Choppers.**  
BUY NOW! Immediate shipment.  
New on the Market: McIntyre 36" Shear

**Call Shaughnessy**  
Hamburg, NY  
mobile 800-549-0490  
716-913-1600 716-646-4133  
CALLSHAUGHNESSY.COM

**7", USA-made. 220v. NEW #7  
Hydraulic Alligator Shear  
\$5,500. ⇨ Hard time special:  
Free freight in continental US!  
Freight allowed for Hawaii and Alaska.**

**WE HAVE**

**MAC Crusher '86 - Automation. \$53,500**  
**NEW and RECONDITIONED Downstroke Balers**  
**AVAILABLE IMMEDIATELY! BOTH RECONDITIONED:**  
Flattener blower - CP250 Can Densifier - CP 1000  
**BALER-CLIPS/STAINLESS STEEL.**  
Completely reconditioned with warranty!  
Closed door & open end IPS & Balemaster available immediately. You do the upgrades or we will.  
Reconditioned compactors, various sizes available.

**NEW & USED EQUIPMENT**

**2-Ram Baler - Selco 2R 1275.**  
**LOADED! \$68,500**  
**NEW 8" ALLIGATOR SHEARS. USA Made.**  
**Guillotine Shear 1,000-ton Mosley, very nice.**  
**LaBounty portable shear, large crane required.**  
**IPS CLOSED DOOR BALER. HD for non-ferrous.**  
**IT'S DEAL TIME. \*Lease 1st yr interest FREE!**  
**Harris NF2 BRIQUETTER, 6 x 6 x 12 bricks.**  
**Completely factory recond. PERFECT FOR NON-FERROUS and TIRE WIRE BALING!**

**WE OFFER**

**Do you own a D&J/Harris baler or briquetter?**  
**We offer the best available D&J/Harris parts, service & rebuild/repair!**

**WE NEED**

**WE NEED REBUILDABLE ALLIGATOR SHEARS and Alum. Can Densifiers!**

## Get Results



"We advertised in every recycling magazine for years and never got the results like we get from American Recycler.

Simply put, if you want to reach serious equipment buyers, there is no other publication."

—John Kitchens, Vice President  
Iron Ax, Inc.

Advertising works.

**877-777-0737**

# METALS

## Nonferrous metal prices and economic gridlock

by Irwin Rapoport

The sudden and sharp declines in the value for various nonferrous metals and drop in demand for them, domestically and globally, are having a negative impact on the bottom lines of scrap dealers and metals brokers.

The values for copper, aluminum, stainless steel and brass have declined between 30 and 70 percent since last August. The market has slowed down dramatically and in some cases, has reached a standstill as scrap dealers no longer purchase some metals and brokers cannot find consumers to purchase them.

“Secondary aluminum items, cop-pers and stainless steel have suffered the most,” says Stephen Moss, vice president of Pennsylvania-based Stan-ton A. Moss, Inc., a nonferrous metals brokerage firm that specializes in aluminum products but also handles copper, magne-sium, lead and zinc. “Sec-ondary alu-minum prices have dropped over 50 percent. At one time I was paying close to \$.80 per pound for cast alu-minum and now I am paying under \$.30 per pound. Mill grade items have dropped in a similar fashion over the last three months.”



—Stephen Moss

Moss, whose firm depends upon the activities of scrap yards, notes that the firm is suffering due to the decline in metal values and volume of scrap that can be bought and sold to consumers.

“The timing and swiftness of the drop caught most people by surprise,” he says, “and there are many scrap dealers that have more secondary-type scrap like aluminum sheet, cast and lower grade items than they can sell right now.”

Despite the decline in prices, these metals still have value, so the scrap processor has to stockpile.

As the market started to fall some scrap dealers, said Moss, were reluctant to sell on the hope that prices would bounce back.

“Others kept selling the same as they would from month-to-month and did not get caught in as bad a situation as those holding excess material in a time when demand has fallen even further,” he said.

When asked what will happen to the metals that would normally enter the market, Moss replied, “Scrap dealers are working now to change their pricing situations with industrial accounts and pricing is based on when they can sell it or they are not accept-ing materials at all.”

Nor are many secondary metal producers or consumers in a position to be entrepreneurial and purchase excess metals at the current low prices. “Fundamentally the whole industry has changed from consolidation of

scrap yards, mills and secondary con-sumers. In the past, privately held scrap yards and all types of aluminum producers (especially the secondary aluminum producers) could take advantage of the weak markets and stock pile inventory for the future.”

The export market has also slowed down. Purchasers of scrap in countries such as China, India and Bangladesh currently have material being shipped to them at a contracted price, but with the drop in prices, they will not accept the orders outright or are demanding price reductions.

While a quick market correction would be welcomed, Moss is unsure how long the industry can afford to remain in the current stagnation.

“With the forecasted downturn in the automotive sector for the next year or two,” he said. “The current situation is definitely going into the first quarter of 2009 and there will probably be an excess of scrap.”

William Goldkind, the owner of Crestwood Metal in Holbrook, Long Island, says his firm is experiencing a rough patch.

“The value of our inventory has decreased by 50 percent,” he said. “There is virtually no metal flowing – it’s almost at a total standstill, just like credit has frozen up. Chrysler and General Motors are the biggest users of cast aluminum in the world and they are not buying metal.”

Goldkind says this would be an opportune time to purchase metals at a low price, but notes that as there are no purchasers for them, he feels stockpil-ing does not make sense.

“If you felt that last week the price was good and you wanted to buy a lot of metal,” he said, “this week the price is even less and it looks like it will be less in the immediate future.”

“We normally buy 200,000 to 400,000 pounds of cast aluminum a week,” he added. “Now we tell the people that supply us that we just can’t buy it, that we are temporarily out of the market.”

Like Moss, Goldkind says the cur-rent situation is an unwanted perfect storm. Copper prices, he noted, dropped from \$4 a pound 2 months ago to \$1.70 a pound and that stainless steel went from \$1.30 a pound 6 months ago to \$.30 a pound.

“I don’t care if the price drops to \$.05 a pound if I can buy it for \$.01 a pound and sell it for \$.05 to make the spread,” he said, “but when you have situations where you can’t buy it or sell it, then it becomes a very danger-ous situation.”

“I have 65 people here that have to be paid every week,” he added. “We have 3 furnaces and we shut down 2. It doesn’t pay to melt the metal because I can’t sell it. I might as well leave it in a pile until something turns around.”

*Scrap Metals*

## MarketWatch

Commodity		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
#1 Bushelings	per gross ton	\$74.00	\$90.00	\$60.00	\$70.00	\$100.00
#1 Bundles	per gross ton	71.00	87.00	60.00	70.00	98.00
Plate and Structural	per gross ton	68.00	50.00	51.00	100.00	115.00
#1 & 2 Mixed Steel	per gross ton	75.00	50.00	50.00	70.00	85.00
Shredder Bundles (tin)	per gross ton	70.00	70.00	68.00	64.00	70.00
Crushed Auto Bodies	per gross ton	70.00	72.00	7.00	65.00	85.00
Steel Turnings	per pound	22.00	21.00	20.00	20.00	25.00
#1 Copper	per pound	1.30	1.28	1.38	1.50	1.50
#2 Copper	per pound	1.21	1.01	1.20	1.38	1.37
Aluminum Cans	per pound	.25	.40	.39	.45	.49
Auto Radiators	per pound	.64	.57	.55	.42	.80
Aluminum Core Radiators	per pound	.24	.29	.25	.30	.70
Heater Cores	per pound	.58	.38	.49	.35	.59
Stainless Steel	per pound	.24	.20	.24	.19	.28

All prices are expressed in USD. Printed as a reader service only.

**DISCLAIMER:** American Recycler (AR) collects pricing and other information from experienced buyers, sellers and facilitators of scrap metal transactions throughout the industry. All figures are believed to be reliable and represent approximate pricing based on information obtained by AR (if applicable) prior to publication. Factors such as grades, quality, volumes and other considerations will invariably affect actual transaction prices. Figures shown may not be consistent with pricing for commodities associated with a futures market. While the objective is to provide credible information, there is always a chance for human error or unforeseen circumstances leading to error or omission. As such, AR is not responsible for the accuracy or completeness of the information provided, or for outcomes arising from use of this information. American Recycler disclaims any liability to any person or entity for loss or damage resulting from errors or omissions, including those resulting from negligence of AR, its employees, agents or other representatives.

## MANITOBA CORPORATION

*Our 92nd Year*

**ALWAYS IN THE MARKET FOR  
#1 INSULATED COPPER WIRE**

**– BARE COPPER – BURNT COPPER WIRE  
– COPPER TUBING**

*Manitoba is proud to welcome Adam Shine as our new Sales Manager!*

**www.manitobacorp.com • bshine@manitobacorp.com**

SERVICING THE METAL INDUSTRIES OF  
THE UNITED STATES AND CANADA SINCE 1916

**• BUFFALO •  
(716) 685-7000  
Fax (716) 685-7008**

**PLANTS**

**• ST. LOUIS, MO •  
(314) 436-0199  
Fax (314) 436-1062**

MEMBER

# METALS

## A Closer Look

by Donna Currie

### Gray's Scrap Iron & Metal

Ashley Gray • 800-472-9722

"We've been in business since 1978," Ashley Gray said, but that first business wasn't anything like what it has grown into. In the beginning, Gray's father was repairing Volkswagens. Later, the business moved to Nashville and expanded to include repairs of other foreign cars.

Volkswagens started fading from popularity, but new opportunities arose. "Dad started selling parts," Gray said, "and in '84 moved to the present location and opened a salvage yard."

During that time, Gray was involved in the business. "I've worked with my dad since I was eight years old," he said. Except for his time in college, "I've been working here all my life." When his father died, Gray took over the company.

In 2006, the company bought 16 1/2 acres of property next to the salvage yard, and it was zoned to allow a scrap yard. In January of 2007, the yard opened as Gray's Scrap Iron and Metal. Although Gray owns both, they are operated as separate businesses.

Between the two, Gray keeps busy. "I like to float around," he said of his involvement in the two sides of the operation. "It's hard to get me to sit still."

One advantage to running both a salvage yard and a scrap yard is that "if inventory isn't selling, we scrap it." And when one business is slow, it helps to have the other. "The salvage side is doing great," Gray said, even though the scrap business has been difficult in the current market.

Working with Gray are 27 employees, including some family members. His wife runs the scrap yard while his brother works "in the parts side" of the salvage business. His brother's ex-wife also works for the company in the scrap business.

"We're just a small-time business," Gray said, "but we do all the stuff a big company can do, but with more service." In fact, service is one thing Gray stresses. "If they want something 'right now,' I try to do that," he said. It's all about "doing what your customer asks - don't drag your feet, do it. If we tell you we're going to be there, we're there."

To get the job done, there are two tractors with four trailers, a roll-off truck with 25 containers, and a box truck for hauling nonferrous. Yard equipment includes cranes, crushers, a shear, and a car drainer for removing liquids from cars. Gray said that cars are crushed in a building, so there are no EPA issues, and all the liquids are recycled.

But it's not all about the yards - the company will go to the customer sites for demolition jobs, to crush cars, or will send a crane to clean up piles of scrap. Gray said that his company will take heavy equipment that "nobody else will fool with." Between his heavy-duty shear and his "two full-time torch guys," he can scrap just about anything that comes in.

Pricing is always a challenge, and particularly with the drop in the market. "Prices fell off a cliff overnight," Gray said. Now, people are holding onto their material rather than selling it. "Mills aren't buying. Everything is getting stagnant." Still, he's looking for the best prices. "We go anywhere," he said. "We're looking for the best bang for the buck."

Even with the bad economy, Gray likes the challenge. "I like the thrill of buying," he said. "I like getting the deal done."

Another challenge is "finding people to work," and particularly finding younger employees who want to drive trucks or work in the yard rather than sitting in an office. However, low employee turnover means that he's not hiring that often. In the salvage yard, some of the employees have been with the company for twenty years, working with Gray's father since the beginning. On the scrap side, most have been with the company since it opened. "We've got a good crew," he said.

Gray said that he was proud that he was able to carry on what his father started, and proud of the length of time the business has lasted. "I did what he told me to do - be humble - be true to your work." And he credits that philosophy with the success of the business. "We're growing at a steady pace; in the past two years, we've come a long way."

As for the future? "I hope to God I'm here another 30 years. It's a challenging time for everybody."

## Anti-theft

Continued from Page 8

While discussions started out well, because of a change in leadership, the draft bill was transferred to Rep. Eddie Pashinski, who re-wrote the draft legislation several times.

Allan worked with Pashinski, the sponsor of the bill, as well as other legislators when the bill was introduced. Concerns about thefts were coming from the utility, construction, business and residential sectors.

"For the typical reasons," said Allan, "There was a misconception in these states that we didn't maintain records. We explained that we do keep track of our inventory.

"It reached the point where it was unworkable and very confusing - even terms weren't accurate. We asked that they use national and international terms used by the industry," he added. "This dragged on for six months before they had the hearing where I testified. We took the position that we didn't oppose legislation - we simply wanted to make sure that it could be implemented by our members without too much aggravation.

"The sponsor of the bill was intent on getting this done and had put out negative misinformation about the industry," he said. "It ended up that it was our industry against probably every type of building industry sector and utility companies. They even brought in service organizations to support the legislation."

This did not deter ISRI-MAC, which had worked with national organizations on similar issues.

Success was achieved upon Senate committee review. The legislation input the ISRI-MAC led compromise and the Governor signed the bill into law in October.

Allan said it is important to educate all parties about the scrap industry and above all, to be persistent and not give up.

"They were educated to the point where they learned a lot about the industry and we showed them how we can account for every pound of metal that was brought in to us," he says.

Maryland is now in the process of drafting anti-theft legislation, having taken over the issue from the City of Baltimore, which was drafting its own legislation.

Allan has already spoken with state legislators about the bill and negotiations about the language have begun.

Scott Sherr, president of Diamond State Recycling in Wilmington, Delaware, opposed the 18-day hold rule and took his concerns to Governor Minner.

"I gave her an idea of the volume that I did - 20,000 to 30,000 pounds a day," he says. "For me to hold the material, you would need to have a warehouse the size of two football fields, and security measures that would greatly outnumber and out cost what the industries are losing through scrap.

"And with a little more protection of somebody else's material," he added, "the construction companies could lock up their buildings or put on a security guard. The state police were the first to admit they only needed three days because if they couldn't identify the material during that time, the hold couldn't do them any good."

Sherr also purchases scrap from other dealers and did not appreciate the thought of having to hold onto that scrap for an additional 18 days.

The Governor told Sherr that the issue was out of her hands and that he would have to effect changes on his own. Later on in the process, Sherr met with State Treasurer Jack Markell (now Governor Elect), who helped him by providing essential government contacts.

Sherr did not appreciate the state labeling scrap dealers as criminals.

"They made a law and assumed that we were the criminals," he says, stressing that the situation could have been avoided from the start had the state consulted the industry.

**UDC EASY 1-2-3  
COMPLIANCE DATA  
CAMERA SYSTEM**

RECYCLERS COMPLIANCE SYSTEM ONLY

**\$3,495**





2005221\_1243629\_1.jpg

**RESELLERS WANTED**



**Universal Data Camera**

888-778-9992 fax: 866-725-5831  
info@UniversalDataCamera.com



**ORDER TODAY 888-778-9992**

Visit us on the web at  
[www.UniversalDataCamera.com](http://www.UniversalDataCamera.com)

**Moving  
soon?**



To ensure you continue receiving your copy of American Recycler, please notify us as soon as you have your forwarding information available.

Send changes to: Circulation, American Recycler, 900 W. South Boundary, Bldg. 6, Perrysburg, OH 43551 or visit [AmericanRecycler.com](http://AmericanRecycler.com) and select 'Update Subscription' from the menu on the left.

titanium



steel



aluminum



copper

rubber



inconel



Government Liquidation operates an exclusive sales contract for the Defense Reutilization and Marketing Service to sell scrap material to the public.

All sales of scrap are conducted via our online auction platform through Internet Auctions and Sealed Bid Events. For a list of upcoming scrap auction events visit our website or contact us at:

480. 367. 1300

[www.bidonscrap.com](http://www.bidonscrap.com)

**Government  
Liquidation**

A Subsidiary of Liquidity Services, Inc.

# Are you spending thousands of dollars over the phone?!

If you are, R.M. Johnson has  
just one word for you...

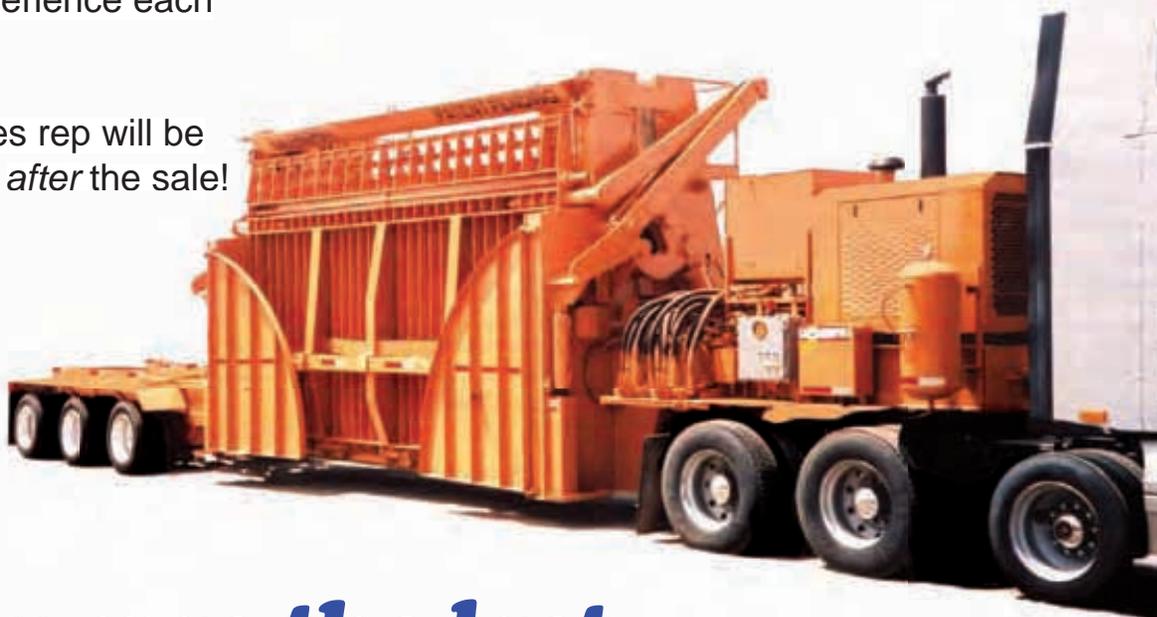
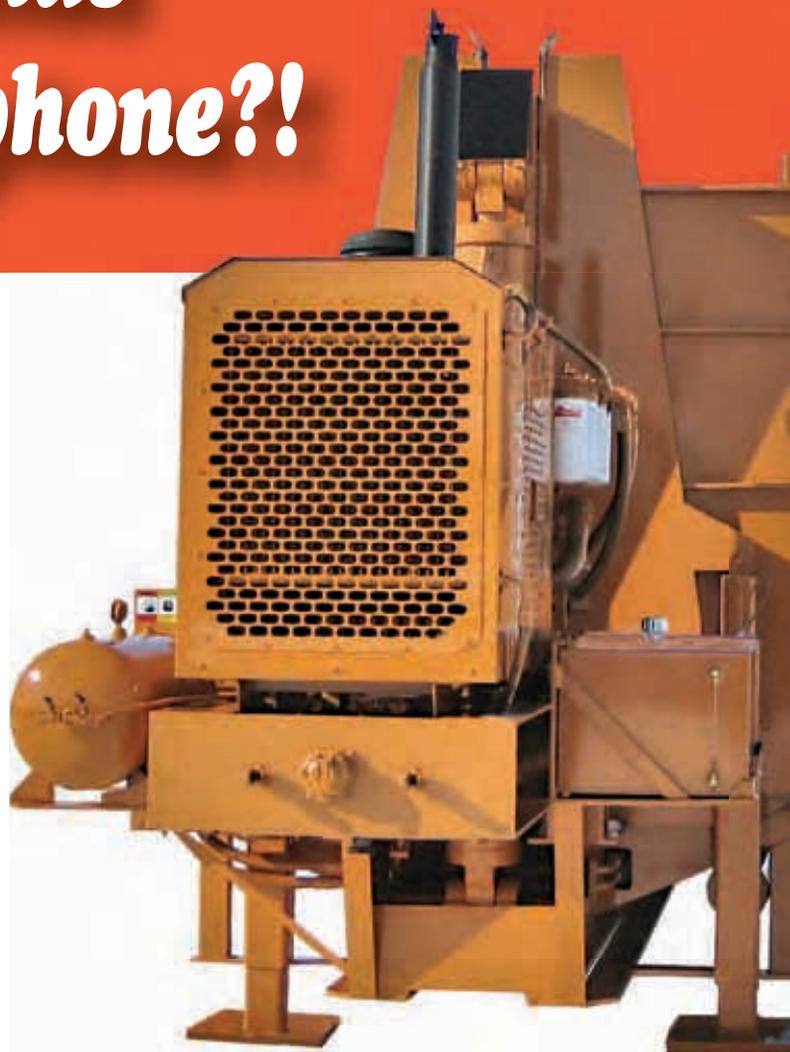
## S • E • R • V • I • C • E

*Tired of spending thousands of dollars over the phone?  
Why not meet your sales representative in person?  
A simple phone call will put us right at your door!  
Our representatives are in the field over 35 weeks per year.*

We work hard to get you in the best equipment for your site  
by meeting with you and talking about your vision about  
your company's future and how you're going to get there.

Our reps are backed by over 20 years of experience each  
in our manufacturing plant and service.

Call our office at 800-328-3613 and your sales rep will be  
dispatched directly to your location before or *after* the sale!



## When was the last time you saw your sales rep?



800-328-3613 | 320-274-3594 | Fax 320-274-3859  
EZCrusher.com | davev@ezcrusher.com





**2006 AL-JON 580  
AUTO LOGGER**

**3,800 hours, very good condition.  
Immediately available. \$345,000**

*Relax*  
*We make  
equipment  
buying easy!*

**2005 E-Z A+ AUTO CRUSHER**



Factory reconditioned with warranty! \$120,000

**2003 MAC QS AUTO CRUSHER**



Loaded with low hours. \$115,000

**AL-JON 20 AUTO CRUSHER**



Runs very well. With automation. \$22,500 OBO

**1990 E-Z A+ AUTO CRUSHER**



Factory-reconditioned with warranty.

**MOSLEY 500T SHEAR  
WITH SQUEEZE BOX**



Working condition. Immediately available. \$75,000

**2004 AL-JON 400XL METAL BALER**



Great condition with 6,300 hours. \$235,000

**WE HAVE  
CAPITAL  
TO SPEND!**

**Refinance equipment  
you paid CASH for to  
IMPROVE YOUR  
CASH FLOW!**

**Unbelievable LOW, LOW rates!**

**DADE Capital Corp.**  
finances projects for  
the salvage, recycling and  
waste industries.

—Coast to Coast and Canada—

Put our experience  
to work for you.

Call DADE Capital today!

**Financing only  
your industry...**

FOR OVER  
**20** YEARS

**DADE**

Capital Corp.



**800-823-9688**  
DADECapital.com

Perrysburg, OH

**EQUIPMENT FINANCING DONE RIGHT**

## ELECTRONICS

### EPA guidelines encourage recycling of electronics

Electronics recyclers have a new guide on how to run safe and environmentally protective recycling operations. The Environmental Protection Agency (EPA), as part of a group of recycling stakeholders, developed the "Responsible Recycling (R2) Practices for Use in Accredited Certification Programs for Electronics Recyclers" to promote better environmental, worker safety, and public health practices for electronics recyclers.

"There should be no doubt that choosing to reuse or recycle used electronics is the right choice for our environment," said Susan Parker Bodine, assistant administrator for EPA's Office of Solid Waste and Emergency Response. "These voluntary guidelines will help assure Americans that their used electronics will be recycled safely and responsibly."

The R2 guide lists 13 principles to help electronics recyclers ensure their material is handled safely and legally in

the United States and foreign countries. It calls on recyclers to establish a management system for environmental and worker safety; develop a policy that promotes reuse and material recovery over landfill or incineration; and use practices that reduce exposures or emissions during recycling operations. The principles also call for recyclers to use diligence to assure appropriate management of materials throughout the recycling chain, including materials that are exported to foreign countries.

The workgroup that developed the guidelines represent federal and state governments, electronics manufacturers and recyclers, and trade associations. The workgroup will now focus on establishing a certification process, which will allow consumers easily to recognize responsible recyclers in the marketplace.

For information about the guidelines, visit [www.epa.gov/epawaste/conserve/materials/ecycling/r2practices.htm](http://www.epa.gov/epawaste/conserve/materials/ecycling/r2practices.htm).

### Minnesota e-waste recycler joins the Basel Action Network

Materials Processing Corporation (MPC), joined the Basel Action Network (BAN). The move follows the company's nationwide effort in 2007 to help other electronics recyclers raise environmental standards across the industry.

Materials Processing Corporation, which runs a one hundred percent no landfill facility in Eagan, Minnesota, and processes all waste on site, will become a leading member of BAN's E-Waste Stewardship Project.

### Panasonic creates national electronics recycling program

Panasonic Corporation of North America is creating a nationwide program designed to provide consumers convenient and easy recycling of their Panasonic branded televisions and some other consumer electronics. Consumers can drop off their Panasonic products free of charge.

To implement this program, Panasonic will work in a collaborative effort with other manufacturers. Day-to-day management of the program will be contracted to Electronic Manufacturers Recycling Management Company, LLC (MRM), a joint venture established in 2007, by Panasonic Corporation of North America, Sharp Electronics Corporation and Toshiba America Consumer Products, LLC. The venture was created to address America's e-waste recycling needs most efficiently by bringing the electronic product manufacturing community together into a unified voluntary effort.

The Panasonic program began on November 1, 2008, with more than 160 recycling drop-off locations in 10 states, and is slated to expand to all 50 states, with hundreds more sites, over the next three years. For a list of current states and sites see [www.MRMrecycling.com](http://www.MRMrecycling.com). Additional details on the program's

expansion will be announced in January 2009.

Panasonic also announced the creation of a new recycling office within the company's Corporate Environmental Department. The new office will have responsibility for this program, and will be headed by Richard Vernam, recycling group manager.

The new office will work with MRM and its network of public and private recyclers, communities, governments, charities and other organizations committed to safe electronics recycling. It will leverage the efficiencies that come from MRM's ability to bring together multiple manufacturers' recycling programs into one common system.

Panasonic has tested various product recycling mechanisms in several states and localities, through dozens of voluntary recycling events, and with a number of established recyclers. With years of leadership in developing and promoting national recycling programs for such products as rechargeable batteries, laptop PCs, and most recently consumer cordless phones, Panasonic expects to contribute its expertise, along with that of others, to accelerate MRM's implementation and ensure its success.

*"Dogs feel very strongly that they should always go with you in the car, in case the need should arise for them to bark violently at nothing right in your ear."*

—Dave Barry



Good News Is  
On The Horizon

★  
Sierra Has A  
Star Performer  
That's Just Your Size  
Shear - Baler - Loggers  
T500 T500SL T700 T700SL T750 T900

*Simply The Best*

Make the Call Today



**SIERRA INTERNATIONAL MACHINERY, LLC.**

1620 East Brundage Lane Bakersfield, CA 93307  
661-327-7073 FAX 661-322-8759 USA 800-343-8503  
[www.sierraintl.com](http://www.sierraintl.com)

# PAPER

## U.S. Postal Service brings nationwide paper recycling to post office lobbies

The United States Postal Service will make it easier for Post Office box customers across the country to recycle their mail.

“Read, Respond, Recycle” is the banner under which the Postal Service will reach out to postal customers with a convenient, environmentally responsible alternative to bringing home or discarding their mail.

The Postal Service recycles more than one million tons of paper, plastic and other materials.

The Post Office Box Lobby Recycling program launched will build on the success of similar programs that have been ongoing in the northeast part of the United States for more than 10 years.

The PO Box Lobby Recycling program places secure recycling bins in Post Office lobbies. All bins are locked with a key and the opening is slim —

about the width of a news magazine. PO Box customers are encouraged to remove and open their mail (read), take whatever action is necessary (respond) and simply place the rest of their mail into the bin (recycle).

This program has been thoroughly tested and presents no risk to mail security or customer privacy and does not affect postal operations or costs, according to postmaster general John Potter.

“The message today is simple. Mail is recyclable,” Potter said. “We are committed to helping consumers ‘go green’ through a comprehensive approach to mail production, delivery and recycling that helps create a sustainable future for generations to come.”

The Chicago launch officially opened the first of three phases of PO Box Lobby Recycling, adding 279 new sites to the more than 3,800 existing sites. The pro-

gram will expand nationally in the future.

Nationally, more than 35 percent of mail is recycled now.

Each year, the Postal Service purchases more than \$200 million in products containing recycled content. Many of the containers that hold and move mail in the system are made from recycled materials, as are stamped envelopes, postcards, stamp booklet covers — even the adhesive used in postage stamps is biodegradable. And the Postal Service is the only shipping company in the country to earn Cradle to Cradle certification for all Priority Mail and Express Mail packages and envelopes based on the environmental attributes of the materials used in the packaging.

A complete list of participating post offices can be found at Earth911.com, using the word “mail” in the search engine. The list is sorted by ZIP Code.

## Fire destroys paper and plastic recycling company

A fire, started with a spark from a contractor's cutting torch, destroyed the 32,000 sq. ft. paper and plastic recycling facility owned by The Grossman Group, Inc. of Westerville, Ohio on October 18, 2008. The building, equipment and approximately 750 tons of paper and plastic were destroyed in the blaze. Fire fighters were hampered by a lack of sufficient water to the interior water hoses.

The building was owned by the City of Columbus, sub-leased to the Solid Waste Authority of Central Ohio (SWACO), who sub-leased to The Grossman Group, Inc.

“This is truly an unfortunate situation,” said Steve Grossman, president of The Grossman Group. “We have gone through almost three years of a financially devastating venture in a pilot program of separating commercial cardboard from trash with SWACO, and only recently started turning the company around by performing recycling for regular recyclables,” said Grossman.

“We will be making decisions in the next few weeks regarding what the future holds for this company,” said Grossman, “but it is an amazing feeling and a real tribute to everyone associated with it when

we have received dozens of calls from not just our customers wanting to know how they can work with us and get over this hurdle, but from three local recyclers opening themselves to assist in our processing until we make decisions. We were up and servicing all of our accounts two days later because of these generous recycling allies,” said Grossman. “Our immediate goal is to work with all of the powers to be in cleaning up this mess and above all, help our displaced employees who we could not bring into one of our other companies, find jobs within their skill levels,” said Grossman.

*I went to a bookstore and asked where the self-help section was. The salesperson said telling me would defeat the purpose.*

**DON'T GO IT ALONE!**

**ISRI is the association for tire recyclers.**

■ Safety programs and services, including customized on-site training

■ Access to competitive insurance through ISRI's RecycleGuard program

■ A place where your voice can be heard to shape the future of the tire recycling industry

■ Networking opportunities at the annual ISRI convention and other ISRI events

■ Copies of the ISRI Membership Directory, *Scrap* magazine, and other ISRI publications

For more information about ISRI and its new member specials, contact **Amy Carey** at **202/662-8538** or **amycarey@isri.org**.



Institute of Scrap Recycling Industries, Inc.



Get the *most efficient* sweat furnace on the market!

**US Furnace's MAX-4000 Hi Efficiency Sweat Furnace**

Customers report that charges of 50% recovery material are producing 1,250 to 1,500 lbs. metal out per hour at a cost of \$0.03 per pound for fuel.



- Full EPA compliance guaranteed.
- Permit assistance available.
- Built for years of continued service.
- Large hearth opening for automotive scrap.
- New technology burner and control systems.



**RECYCLING SERVICES INTERNATIONAL**

**518-424-1168**

fax 518-233-0006

[www.RecyclingFurnaces.com](http://www.RecyclingFurnaces.com)

# NEW PRODUCT SHOWCASE



## CATERPILLAR INTRODUCES WIDER MULCHER FOR LOADERS

Caterpillar introduces the HM315 Mulcher designed for high productivity when teamed with the Caterpillar® C-Series and earlier skid steer loaders and multi terrain loaders equipped with XPS hydraulics.

The 57" cutter head and 72" overall width enable the mulcher to make full use of the powerful hydraulic system. The HM315 Mulcher features a dynamically balanced high-speed rotor with 34 tungsten carbide teeth for efficiently cutting vegetation.

Three sets of counter-rotating knives mulch materials completely. The mulcher can process brush up to 8" in diameter.

**Caterpillar, Inc.**  
100 NE Adams Street  
Peoria, IL 61629  
309-675-4693  
www.cat.com



## MORBARK INTRODUCES MODEL 40/36 BIOMASS CHIPPER

Morbark's new Model 40/36 Whole Tree Chipper is compact, affordable and productive. The drum chipper is specifically geared for the biomass industry. Equipped with the same internal drive on Morbark horizontal grinders, along with an extra wide feed opening, the Model 40/36 aggressively feeds brushy tops and limbs.

This whole tree chipper effortlessly fills a chip van to maximum legal load capacity. At 8'6" wide, this compact unit is easily transportable and requires no permits to move. The 36" diameter by 40" wide drum holds eight knives in a staggered configuration.

**Morbark, Inc.**  
PO Box 1000  
Winn, MI 48896  
800-233-6065  
www.morbark.com



## BAYNE INTRODUCES NEW CART LIFTER SERIES TASKMASTER C/I

Bayne Premium Lift Systems, introduces its C/I Taskmaster™ series of lifters for a wide variety of material handling applications, including waste disposal.

The C/I Taskmaster series is compatible with standard two-bar carts and tilt trucks equipped with lifting bars.

The three lifter models in the C/I Taskmaster series combine the Bayne Taskmaster cylinder lift with rigid steel frames. Lifting capacities of 550, 750 and 1,000 pounds are offered, with cycle times of 8 to 10 seconds. Each lifter is backed by the industry's best one-year warranty.

**Bayne Premium Lift Systems**  
910 Fork Shoals Road  
Greenville, SC 29605  
800-535-2671  
www.baynethinline.com



## SELICK EXPANDS STRAIGHT MAST LIFT TRUCKS S SERIES

Sellick Equipment Limited has added a 16,000 lb. capacity model. The new S160-4 has fulltime four-wheel drive and four equal-sized wheels. By steering both axles, the S160-4 has a turning radius of 150".

The S160-4 is powered by the Dieselmix 444 Turbocharged Tier III diesel engine producing 114 hp, and is coupled to a fully automatic power-shift transmission for efficient operation. Standard features include frame leveling, tilt steering column with full instrumentation, and back-up alarm. Options include full cab, air conditioning, side shift and fork positioning carriages.

**Sellick Equipment Limited**  
358 Erie St. North, Harrow  
Ontario, Canada N0R 1G0  
519-738-2255  
www.sellickequipment.com



## ERIEZ RARE EARTH ROLL SEPARATORS INCREASE PURITY

Eriez Rare Earth Roll (RE) Separators are constructed with neodymium-boron-iron rare earth permanent magnets with ten times the attractive force of conventional magnets. The high gradient magnetic circuit includes proprietary items designed to produce a magnetic field in excess of 21,000 gauss. These rolls recover particles with magnetic susceptibilities, and will handle feeds from half inch to very fine materials.

Eriez RE Rolls are available in 3, 4 and 6" diameter rolls. Roll widths range from 5 to 60". A cantilever design allows quick belt replacement requiring only one operator.

**Eriez**  
2200 Asbury Road  
Erie, PA 16506  
888-300-3743  
www.eriez.com



## ATLAS COPCO INTRODUCES MB 1500 HYDRAULIC BREAKER

Designed with fewer moving parts for longer service life, Atlas Copco's MB 1500 hydraulic breaker is ideal for demolition and secondary rock breaking.

Featuring industry-leading technology, the MB 1500 offers exceptional breaking performance through the combination of high, single-blow energy and an impressive impact frequency of up to 640 blows per minute. Weighing 3,310 pounds, the MB 1500 is suitable for carriers in the 17 to 29 metric ton weight class.

The breaker includes the AutoControl monitoring system, VibroSilenced damping system, and ContiLube II automatic lubrication system.

**Atlas Copco Construction Tools LLC**  
94 North Elm Street  
Westfield MA 01085  
800-760-4049  
www.atlascopco.us



## BANDIT'S NEW QUICK-CHANGE ROTARY DRUM CHIPPER

Bandit announces an advancement in its rotary drum design that cuts knife changing time in half and makes it easier to set the knife to the anvil.

The knife changing process is less time consuming and simple to do. Removing the shaft from the rotor in the Quick-Change System is easily completed without damaging the rotor.

Bandit offers two different styles of rotary drum chippers, including 12" and 16" long drums.

**Bandit Industries, Inc.**  
6750 Millbrook Road  
Remus, MI 49340  
800-952-0178  
www.banditchippers.com



## INDUSTRIAL SPECIALTIES' PUSH-TO-CONNECT IN-LINE FILTERS

Exclusively available from Industrial Specialties Mfg, these new in-line filters can be easily connected and disconnected for service on tubing applications. Designed with John Guest® push-to-connect style fittings integrated into the Celcon® plastic filter housing, this unique in-line filter product line offers versatility and customization for a variety of applications.

Available in sizes ranging from 20 to 250 microns and end connections in any one of three standard tubing O.D. sizes: 1/4", 5/16" and 3/8", they can be tailored to meet performance requirements for air, vacuum, and some fluid applications.

**Industrial Specialties Mfg., Inc.**  
4091 S. Eliot Street  
Englewood, CO 80110  
800-781-8487  
www.industrialspec.com



## BULK E-SCRAP CONTAINER SPEEDS WASTE HANDLING

The P-333 e-scrap bulk container from Meese Orbitron Dunne Co. features a reusable bulk container fitted with enclosed fork tubes set atop industrial strength casters to permit e-scrap organizations to collect, cover and transport the computer electronics waste in the same container without requiring the material to be transferred to a separate container for shipping. As a unitized, palletless load, it streamlines logistics and promotes easy reselling of the scrap.

The container may be forklifted, rotated and dumped upside down over a roll-off or trailer to consolidate larger volumes for transport.

**Meese Orbitron Dunne**  
4920 State Road  
Ashtabula, OH 44005  
800-829-4535  
www.recycleosaurus.com



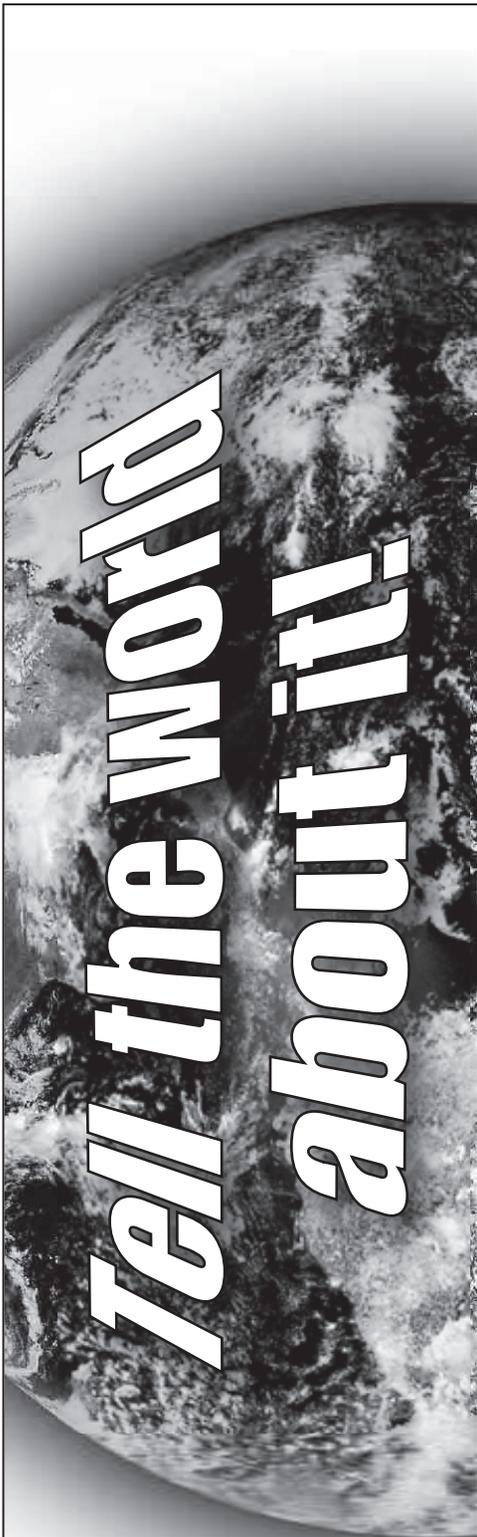
## BOBCAT INTRODUCES TOOLCAT 5610 FOR MULTI-TASKING

Bobcat introduces the Toolcat™ 5610 featuring a three-point hitch and hydraulic power take off for rear implements and the ability to run more than 40 front-mounted Bobcat® attachments.

The Toolcat 5610 has an available Category 1 three-point hitch that allows a variety of tasks with three-point implements.

A hydraulically-driven motor powers the 540 revolutions-per-minute hydraulic power take off (PTO) to drive implements such as grain augers, multiple stage mowers, and snowblowers, among others. High-flow auxiliary hydraulics are required to run the PTO.

**Bobcat**  
PO Box 6000  
West Fargo, ND 58078  
701-241-8700  
www.bobcat.com



Advertise.  
877-777-0737

**AR American Recycler**  
NewsVoice of Salvage, Waste and Recycling

## PLASTIC

# Plymouth, Massachusetts rejects plastic bag ban; expands recycling

The town of Plymouth, Massachusetts rebuffed a bid to ban plastic bags and instead opted to expand recycling, following in the footsteps of neighboring New York and Rhode Island. Plymouth joins the rising trend of communities across the country, including Chicago, Tucson and New York City, that are taking advantage of a rapidly growing recycling infrastructure for plastic grocery bags, dry cleaning bags, bread bags - even the plastic bags used to deliver newspapers.

After local business owners cited the environmental advantages of plastic over paper bags and expressed commitment to increase recycling, the proposed ban

was dropped. Town officials instead will educate citizens about reusing and recycling plastic bags, according to news reports.

Commenting on the outcome of the town's debate, Plymouth's director of health Susan Merrifield said she's happy with the way everything turned out. "We, as a community, need to look at recycling," she said. "This ended up being a success story."

"Plastic is too valuable to waste, it should be recycled," said Shari Jackson of the Progressive Bag Affiliates, part of the American Chemistry Council. "Today's plastic bags can be tomorrow's durable decking, fencing, railings, shop-

ping carts or new bags, so please help keep these innovative products out of the trash."

Although the recycling of plastic bags and wraps grew 24 percent in 2006, there are still opportunities to do even better. Jackson encourages shoppers to look for the recycling bin in front of grocery stores or near the checkout counters and bring back clean plastic grocery bags, retail bags, newspaper bags, dry cleaning bags, and wraps from bread, paper towels, bathroom paper, and such. To learn more about increasing plastic bag recycling, visit the website [www.plasticbagrecycling.org](http://www.plasticbagrecycling.org).

# ECO2 Plastics hires Ray Salomon as CFO and Fred Janz as vice president of operations

ECO2 Plastics, Inc. announced that it hired Ray Salomon as chief financial officer and Fred Janz as vice president of operations.

Salomon has over twenty years of financial and operations management experience. Most recently, Salomon was the chief financial officer of Barrier Sys-

tems, Inc. where he was responsible for finance, accounting, information technology and human resources. While at Barrier, Salomon designed and implemented reporting processes and achieved full Sarbanes-Oxley compliance. From 2003 to 2007, Salomon was the director of finance, marketing and sales, for the Ford Motor Company. Prior to Ford, Salomon served as revenue manager and as director of financial planning and reporting for Lincoln Mercury.

Janz has over twenty years of management executive experience with leading start-ups, integrating acquisitions, operations improvement and manufacturing turn-around. Most recently, Janz was executive vice president with Pitt Plastics, Inc. From 2006 to 2007, Janz served as president of Natures Natural Water Company, LLC, where he developed the business plan and strategy. From 2005 to 2006, Janz worked as a consultant specializing in acquisitions and profit improvement.

## Events Calendar

**January 26th-29th, 2009**

**U.S. Composting Council's 17th Annual Conference & Tradeshow.** Westin Galleria, Houston, Texas. 631-737-4931 • [www.compostingcouncil.org](http://www.compostingcouncil.org)

**February 24th-25th**

**Plastics Recycling 2009.** Disney Coronado Springs Resort, Orlando, Florida. 503-233-1305 • [www.plasticsrecycling.com](http://www.plasticsrecycling.com)

**March 1st-4th**

**The Southeast Recycling Conference & Trade Show.** Hilton Sandestin Beach Golf Resort & Spa, Destin, Florida. 800-441-7949 • [www.southeastrecycling.com](http://www.southeastrecycling.com)

**March 22nd-24th**

**C&D World 2009 Exhibition & Conference, Annual Meeting of (CMRA).** Tampa Convention Center, Tampa, Florida. 630-585-7530 • [www.cdrecycling.org](http://www.cdrecycling.org)

**May 3rd-6th**

**Battery Council International's 121st Convention.** Red Rock Resort, Las Vegas, Nevada. 312-644-6610 [www.batterycouncil.org](http://www.batterycouncil.org)

**May 17th-19th**

**2009 Waste-to-Fuels Conference & Trade Show.** Hyatt Regency Mission Bay, San Diego, California. 800-441-7949 [www.waste-to-fuels.org](http://www.waste-to-fuels.org)

**June 8th-11th**

**WasteExpo 2009.** Las Vegas Convention Center, Las Vegas, Nevada. 800-927-5007 • [www.wasteexpo.com](http://www.wasteexpo.com)

**From Shredders to Grinders**

**and Everything In Between**

**150** YEARS OF RECYCLING INDUSTRY

**JORDAN**  
REDUCTION SOLUTIONS

**1-888-REDUCIT**  
(1-888-733-8248)

[www.JordanReductionSolutions.com](http://www.JordanReductionSolutions.com)

SHREDDERS  
WIRE CHOPPERS  
HOG MILL GRINDERS  
OPEN ROTOR GRANULATORS  
CLOSED ROTOR GRANULATORS

## RUBBER

### EPA orders Virgin Islands to remove scrap tires

The United States Environmental Protection Agency (EPA) is holding the government of the United States Virgin Islands and three other parties responsible for improperly disposing of more than 870,000 tires near the Bovoni Landfill on St. Thomas. EPA determined that the Virgin Islands government, the Virgin Islands Waste Management Authority, A-9 Trucking Enterprise, Inc., and a private landowner handled tires in a manner that left them vulnerable to catching fire or providing ideal breeding grounds disease-carrying mosquitoes.

In an order issued under the Resource Conservation and Recovery Act (RCRA), the Virgin Islands government and the other parties must remove all scrap tires near the Bovoni Landfill and either recycle or dispose of them properly. The order also requires the four parties to apply pesticides to kill mosquitoes and larvae in the tires, improve access for fire trucks in disposal areas, limit site access and properly manage scrap tires in the future.

Scrap tire fires release known or potential human carcinogens like benzene, arsenic, cadmium and chromium into the environment. A burning tire can release up to two gallons of pyrolytic oil, a free-flowing tar that can seep into soil and water. Scrap tires have also been identified as ideal breeding grounds and habitats for mosquitoes. The Centers for Disease Control and Prevention identifies the mosquito *Aedes aegypti* as a significant host of epidemic Dengue, a viral disease endemic in the Caribbean. The proper management of scrap tires is essential to limiting the effects the mosquitoes have on the health of the people of the Virgin Islands.

The Virgin Islands government, Virgin Islands Waste Management Authority, A-9 Trucking Enterprise, Inc., and the private landowner have until July 2010 to complete the removal and disposal of the scrap tires near the Bovoni Landfill and the other requirements in the order.

## SALVAGING Millions

by Ron Sturgeon  
Autosalvageconsultant.com

### Climbing above the competition: A lesson from Charles Tandy Part 5 of 5

Charles Tandy of Radio Shack fame once said, "Your most likely customer is the customer who just bought something from you."

With that in mind, I held weekend events twice a year where customers could come in and retrieve their own auto parts. Twenty dollars would provide my customer with all he could carry. Some of my competitors had done that type of promotion quite successfully by creating \$40,000 plus on a 2000-visitor turnout for a weekend.

But I thought I could do even better. I took a little different tack on the idea. Calling it a liability waiver, I made everyone sign in on a log with a full name and address. If they didn't provide all the information, I wouldn't let them in the event.

I invested a lot of money marketing my weekend sales events, sometimes spending as much as \$20,000 to generate the necessary turnout. The way I thought about it, if I took in \$50,000, I was still far ahead. The difference was in what I did with the mailing list I generated from the sign-in logs.

Six months later when I did the next All You Can Carry event, I spent only \$10,000, which included the mailing to those same people. Six months later, I spent only \$5,000. Each time the sales increased. Once they've been there, your customers will return if they know you're having the sale. The key is finding a cost effective way to let them know.

Remember: "Your most likely customer is the customer who just bought something from you." That's marketing, but only if you go after it! Create mailing lists any way you can. Use post cards to promote special events. Increase your mailing lists every time you host a special event. Tell them on the postcard that if they will bring the postcard with them, you will give them a discount off their next purchase. That provides them with an incentive to hold onto the postcard. The postcard then becomes a reminder of the upcoming event.

Sometimes I even ran All You Can Carry events two weekends in a row. The All You Can Carry parts generally came from cars I was going to crush anyway, not from high-end inventory; so everything I sold at these events was cash I'd otherwise never have received.

**Remember, only you can make BUSINESS GREAT!**

*This article was provided by autosalvageconsultant.com, which was formed in 2001 by recyclers for recyclers, to help them improve their businesses.*

## AUTO

### Judge puts brakes on hybrid taxi mandate

A federal judge has granted a preliminary injunction against the City of New York's hybrid taxi mandate, which was to take effect November 1st. Judge Paul A. Crotty of the United States District Court, Southern District of New York, ruled in favor of the plaintiffs which include the Metropolitan Taxicab Board of Trade (MTBOT), the country's largest taxi trade association.

The decision reads as follows:

"The Court finds that Plaintiffs have standing to bring this action; that they will be irreparably harmed; and that Plaintiffs have demonstrated a likelihood of success on the issue of preemption. The City's counterarguments are unconvincing. Accordingly, Plaintiff's motion for a preliminary injunction is GRANTED."

In its lawsuit, MTBOT had cited a 2008 engineer's report that concluded that hybrid taxicabs were unsafe and unfit for taxi use. The group also cited the refusal of any hybrid automaker to certify the crashworthiness of their hybrids when outfitted with mandatory partitions or when used in 24/7 commercial taxi operation.

Ron Sherman, president of the Metropolitan Taxicab Board of Trade said, "For MTBOT and so many others, this has never been about whether or not the taxi industry should be embracing a greener, more fuel-efficient fleet. This is about safety and common sense. We have been actively working with the auto industry and City to bring a safe, comfortable, fuel-efficient taxicab to the market. And while we're pleased that these 'taxi's of tomorrow' may be available as early as this summer, the much smaller, non-commercial passenger hybrids available for purchase today are unsafe when outfitted with hard, bullet-proof partitions and unfit for 24/7 taxi service."

MTBOT is the country's largest taxi fleet association. It represents 27 yellow medallion taxi fleets in New York City that comprise over 3,500 medallion taxicabs – approximately 25 percent of the taxi industry.

### Better Energy Systems finds creative uses for recycled tires

Better Energy Systems (BES), manufacturer of the award-winning Solio Hybrid Universal Chargers, is expanding its tread™ line of eco-conscious handcrafted cases and bags. These bags and cases are made with recycled butyl rubber — a super-material, which is rescued from discarded inner tubes of South American truck tires. BES purchases the used tires from local pit stops in Quibdó, Columbia then cleans and ships them to its workshop in Barranquilla. There, BES-employed artisans turn the rubber into cases for Solio Hybrid Solar Chargers, iPods, cell phones, smartphones, and now also iPhones, Apple Touch MP3 players, digital cameras, laptop sleeves and attache bags.

The result is a durable case and bag line that is resistant to damage from wear, UV light, is impermeable by liquids, endures temperatures of up to 110° C, will not house mold, and wipes clean with one swipe. Additionally, by using the recycled butyl rubber in its tread case form, BES prevents the creation of toxic emissions that would have been released into the atmosphere when the discarded tires were otherwise burned. It is estimated that only 15 percent of 300,000+ tons of butyl produced annually is recycled.

### Delta-Energy gets \$2.5 million grant

Delta-Energy, LLC, through its parent company R.J. Lee Group in Monroeville, Pennsylvania, will receive a \$2.5 million grant from Pennsylvania to build a chemical plant in Greene County.

The 20,000 square foot plant will use Delta-Energy's patented depolymerization process to recover gas and liquid organics for use in petroleum fuel markets from scrap tires. It will also recover carbon black-based solid products for use in rubber, plastics and coatings applications.

The facility will have the capacity to process at least 1.3 million passenger tires each year and will create 25-30 new jobs. Construction is to begin in 2008.

## WE BUY SCRAP ALUMINUM WHEELS

Highest Prices, Friendly Service, Prompt Payments!

Call Tiffany for a price quote:

**888-834-2673**

*Serving the Secondary Aluminum Needs  
of the Automotive Industries.*



**Heartland Aluminum, Inc.**

www.heartlandaluminum.com

hla@citznet.com / FAX: (260)375-4651

# AUTO

## Pennsylvanians offered hybrid vehicle rebate

Pennsylvania Governor Edward G. Rendell reminded car buyers or those who have purchased an eligible vehicle in the past six months that \$500 rebates are available to make fuel-efficient electric hybrid vehicles more affordable.

The Governor said Pennsylvania has made more than \$1 million available to continue its popular rebate program, which helps drivers conserve fuel, save money, and reduce the state's dependence on imported oil.

Rebates will be provided only for purchasing the cleanest and most fuel-efficient hybrid vehicles. In order to qualify, the total city and highway miles per gallon ratings as measured by the United States Environmental Protection Agency must meet or exceed 55 mpg. The hybrid vehicle must also have a carbon footprint of less than 7.0 tons per year of carbon dioxide as accounted by [www.fueleconomy.gov](http://www.fueleconomy.gov).

The Department of Environmental Protection maintains a list of eligible vehicles that is updated monthly at [www.depweb.state.pa.us](http://www.depweb.state.pa.us), keyword Hybrid Vehicle Rebates.

*"If you think you're too small to have an impact, try going to bed with a mosquito in the room."*

—Dame Anita Roddick

## URG to quantify benefits of auto recycling with Colorado University

Automotive recycling has been a 'green' industry from the start, long before that color became fashionable. Building a strong case for the affordability, high quality and environmentally friendly automobile recycling industry is needed to build an awareness and marketing campaign that can take all this to the next level. Realizing this, United Recyclers Group (URG) has announced the release of a request for proposal (RFP) from the University of Colorado to quantify the environmental benefits of automotive recycling.

"Automotive recycling is green by the very nature of what occurs when car parts are reused by the repair and collision industries," says Michelle Alexander, URG executive director. "But we haven't promoted this fact to the public, and we think that by doing so it will increase demand for more recycled parts. We need more information that will help us quantify the environmental benefits and sustainability of automotive recycling, especially as it compares to the production of new parts." With this information, she adds, URG managers will be taking a look at just how much more green the industry can become in the future.

Longtime automotive recycling industry consultant Al Lacy is heading up this effort for URG. He says that the

project really has three main aspects to it. "First, we want to estimate the environmental benefits of automotive recycling based on the present industry size and operating practices. Second, we want to estimate the additional benefits of recycling more parts from each vehicle recycled. And finally, we need to learn more about potential markets for 'carbon offsets' or 'carbon credits' that might benefit insurers or recyclers."

Lacy says that to accomplish this, the RFP requests a study of the nationwide automotive recycling industry including its size and scope. Also sought are the resources saved from the reuse of parts and the recycling of steel and other scrap in vehicle bodies, the environmental benefits from the proper disposal of auto-related fluids, air conditioning coolant, and other waste. Financial benefits that need to be quantified are the direct savings that result for customers from using recycled rather than new parts, and insurance premium savings that result from the use of recycled parts in collision repair.

"As far as we know, nobody has ever done a comprehensive study of the beneficial effects of automotive recycling," says URG manager John Fischl, president of Riteway Auto Parts located in Phoenix, Arizona. "We want to know what resources (raw materials, energy,

labor, etc.) are saved by not having to build more new parts. We also want to compare the 'carbon footprints' of some typical new and recycled auto parts."

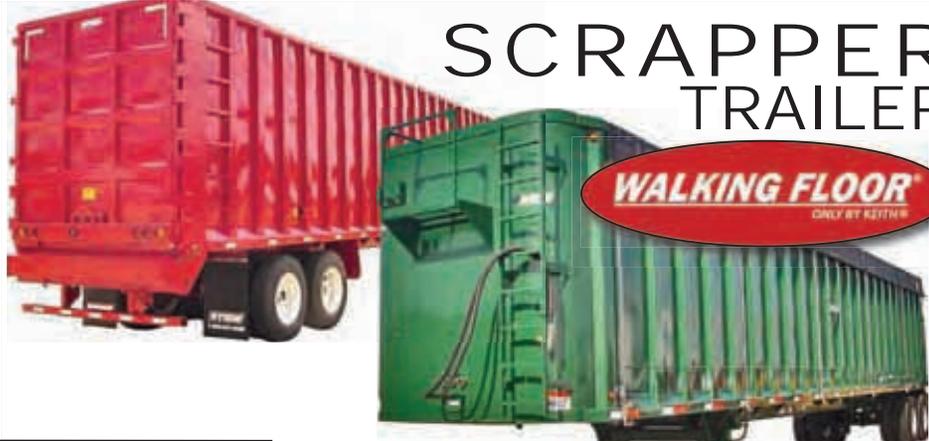
"Younger consumers today have clearly expressed their preference for green products of all types," says Greg Wilcox, a URG manager and owner of Midway Auto Parts, located in Kansas City, Missouri. "Look at the demand now for hybrid and electric cars. It makes sense that environmentally conscious consumers will increasingly request repair and collision facilities to use green parts — especially when they are rewarded for making this earth-friendly choice with lower insurance premiums. This industry is in the right place at the right time, and more education and training for our employees will help us capitalize on the opportunities we have to reposition ourselves."

The study will quantify the benefits from increasing the parts and materials recycled from each vehicle, says Al Lacy. He says this includes savings in labor energy and the reduction of harmful environmental effects of mining and manufacturing; reduced material in landfills; the reduced carbon footprint of auto repairs; additional direct savings to customers from using more recycled auto parts, including a reduction in auto insurance premiums.

**The Perfect Trailer for**  
**SCRAP, CRUSHED CARS, DEMO...**

**SCRAPPER® TRAILER**

**WALKING FLOOR®**  
ONLY BY KEITH



**100 to 130 cu. yd. Models Available**

- Durable Hardox 450 body
- Horizontal unloading: No risk of roll-over
- Low maintenance



**Equipped exclusively with KEITH® V-Floor® Unloading System**

KEITH, WALKING FLOOR and V-Floor are worldwide registered trademarks of KEITH Mfg. Co.

**STECO**  
A DIVISION OF BLUE TEE CORP.

The **TOUGHEST TRAILER** on the market.

800-627-8326 ■ [www.StecoTrailers.com](http://www.StecoTrailers.com)

**✓ THE ULTIMATE SWEEPER!**



**MEGA 720**

**Highly Effective for Sweeping**

- Cans, Bottles & Cardboard
- Wood Debris
- Standing Water
- Metal

- ✓ Allows One-Pass Sweeping in Forward or Reverse
- ✓ 20-30 Times Faster Than Hand Sweeping
- ✓ Keeps Work Sites Clean with No Flying Debris



1-877-64-SWEEP  
Patents Pending

**SWEEP-EX**  
THE SWEEPING CHOICE



# ECONOMIC ? DOWNTURN ?

## BAILOUT PLAN:



MODEL 4000  
Tire Cutter &  
Derimmer/Wheel Crusher

We Have  
Lots of Lease  
Money Available!  
As Low as 3.9%  
For Qualified  
Buyers!!

CUT YOUR SCRAP TIRE  
DISPOSAL COSTS BY..... **70%**

**Start SAVING Money!** Cut your Costs, Cut Your Overhead and Survive!

**DESCO** Tire cutters & derimmers/wheel crushers are YOUR SOLUTION to your problem and the slower economy. We will use your numbers to show your TOTAL vested cost and your RETURN ON INVESTMENT. Then we will show you the best tire cutter and derimmer on the market, BAR NONE!

**QUESTION:** What is a CUT-UP scrap tire called? GARBAGE. Yes, just garbage! Federal laws and most state laws allow cut-up tires to be in landfills as regular garbage!

All DESCO models come with a  
Two Year Warranty on Parts AND Labor.  
The way we handle the warranty, WE ARE  
THE GOOD GUYS!



Order a Free DVD by calling today...

**800-344-0814**

Or visit us online at: [www.desco-usa.com](http://www.desco-usa.com)

# INTERNATIONAL

## English authorities make good progress on recycling targets

Ninety percent of local authorities are meeting or even exceeding their household recycling targets, new figures published by UK Environment Minister Jane Kennedy indicate.

The waste statistics for all English local authorities in 2007/08 show how individual local authorities are contributing to the national drive to reduce the amount of waste produced and then to recycle as much of that as possible. The results show:

- 90 percent of local authorities met or exceeded their recycling targets;
- 90 percent of local authorities had less residual rubbish (or 'black bag' waste) to collect than in 2006/07;
- 94 percent of authorities recycled and composted more of their household waste than in 2006/07; and
- 72 percent of authorities sent a lower percentage of their municipal waste to landfill than in 2006/07.

This shows a continued improvement on last year based on the audited Best Value Performance Indicators for 2007/08.

Environment Minister Jane Kennedy said, "Recycling is now part of everyday life in this country and the way we think about waste has changed.

"Putting local councils in the driving seat is delivering results. The government remains committed to supporting local authorities in continuing this revolution in recycling." Seeing ninety percent of local authorities meet or exceed their recycling targets is an important achievement.

Other key statistics are:

- The highest household recycling-composting rate was 58.4 percent in East Lindsey District Council;
- East Lindsey was the most improved authority, increasing recycling rate by over 20 percent;
- Nineteen authorities had a recycling-composting rate greater than 50 percent;
- Nineteen authorities increased their recycling rate by more than 10 percent;
- The largest decrease in household waste to collect per head was North Cornwall District Council by 13.6 percent; and
- Seven authorities had reductions in the amount of household waste to collect of over 10 percent.

National Statistics for municipal waste management for 2007/08 in England and the regions were also published. These results show:

- An increase in the national household recycling and composting rate to 34.5 percent, from 30.9 the previous year;
- A decrease in the amount of residual household waste from 17.9 million tons to 16.6 million tons (7 percent);
- A decrease in the amount of municipal waste to landfill from 16.9 to 15.5 million tons (or 54 percent of total municipal waste); and
- A decrease in the total amount of municipal waste collected from 29.1 to 28.5 million tons (by 2.2 percent). There was also a decrease in total collected household waste from 25.8 to 25.3 million tons, or 1.9 percent.

## QUALITY, USED WHEEL LOADERS



'92 Case 621ZF Wheel Loader only \$38,900

Cab and GP bucket, 6' car crushing forks. Good shape and runner!



'92 JOHN DEERE 544-E Wheel Loader only \$39,900

Cab, ROPS, quick attach, bucket, great shape!

### WE HAVE GREAT, USED WHEEL LOADER & FORK PACKAGES AVAILABLE--BUY NOW WHILE THEY LAST!!!!!!!

#### '97 Case 621B WHEEL LOADER

QUICK ATTACH, 124 H.P. DIESEL ACS QUICK ATTACH, 2.5 YD. BUCKET ..... \$44,500

#### '86 FIAT ALLIS FR12 WHEEL LOADER

CAB, HEAT, BUCKET, FORKS, 8,600 HOURS ..... \$28,500

#### '92 JOHN DEERE 544-E WHEEL LOADER

ROPS, QUICK ATTACH, 2.25 YD. BUCKET, FORKS ..... \$39,900

#### '98 JOHN DEERE 544-H WHEEL LOADER

ROPS, BUCKET, FORKS ..... \$39,900

#### '89 JOHN DEERE 544-E WHEEL LOADER

CAB, GRAPPLE BUCKET, QUICK ATTACH, MINT CONDITION ..... \$46,500

#### '82 MICHIGAN CLARK 45C WHEEL LOADER

ROPS, CAB, EROPS, READY TO WORK! ..... \$12,900

### Fork Prices!!!



15' Car Handling FORKS \$6,400



6' Car Crushing FORKS \$4,725



T: 800-509-8333 / 507-932-5683  
F: 507-932-5951  
craig@ferguson-trailersales.com

VIEW LOADERS ONLINE:  
www.ferguson-trailersales.com

# REGISTER NOW

## FOR THE TIA TIRE & RUBBER RECYCLING CONFERENCE

**FEBRUARY 9-11, 2009**

**ROSEN CENTRE HOTEL  
ORLANDO, FLORIDA**



The Tire and Rubber Recycling Advisory Council (TRRAC), the tire recycling arm of the Tire Industry Association (TIA), will present a two-day educational program during TIA's Commercial Tire, Retread & Recycling Conference in Orlando, Florida.



Recycling Product Displays Are Back This Year Now and Improved!

**NEW AND IMPROVED THIS YEAR!** TIA and TRRAC will sponsor an expanded tabletop display area where tire recycling suppliers and manufacturers will have the opportunity to feature their newest products, hold business discussions, and network with recycled product buyers and decision makers.

For a complete schedule of events and to register online, visit TIA's website at [www.tireindustry.org](http://www.tireindustry.org) and click on "Events."



Tire Industry Association  
1537 Painter Ridge Place, Suite G  
Bowie, Maryland 20716-1883  
301.430.7260  
800.876.8372

# INTERNATIONAL

## Alberta launches milk container deposit program

Efforts aim to achieve an 85 percent recycle rate

Changes to the Alberta's beverage container recycling program are intended to encourage residents to return empty milk containers to one of more than 200 collection sites in the province. New regulations make Alberta the first province in Canada to accept all milk cartons at bottle depot locations, and to increase refunds on containers already in the program.

With an average of two billion beverage containers sold in Alberta yearly, 500 million containers are not returned to a bottle depot for recycling. As part of the provincial "Too Good to Waste" strategy, Alberta's goal is to increase recycling rates to 85 percent or higher, up from the current rate of 75 percent.

Under the updated program, Albertans will pay a deposit on all milk con-

tainers and will be able to drop off the containers at any Alberta bottle depot. The deposits on all beverage containers, including milk containers, will increase to Cn\$.10 for containers one liter and under and Cn\$.25 for containers greater than one liter. This is the first deposit increase in over 20 years.

The deposit and option to return milk containers to Alberta bottle depots goes into effect June 1, 2009. Milk containers will continue to be recycled through community recycling programs until then. The deposit increases on all containers currently accepted at Alberta bottle depots, including pop, juice, beer, wine and spirit containers went into effect November 1.

## UK increases recycled glass volume

Around 1.5 million tons of container glass was recycled in the UK in the past twelve months, through June 2008. This is 200,000 tons more than the previous year, according to the Waste & Resources Action Programme (WRAP).

However, although there was an increase in the amount of cullet going into remelt applications – including domestic container manufacture, glass wool and export – the majority of the increase was absorbed by the aggregates market. Moreover, the amount of cullet used by the UK container manufacturing industry remains substantially below the peak reached in 2006. For the first time, in 2007, less than half of the container glass recovered for recycling was used in domestic container remelt.

Glass industry sources indicate that this reflects a shortage of high quality color-separated cullet, which they attribute to increases in both mixed-color and co-mingled glass collections.

The combination of increasing production and falling cullet use has lowered the recycled content of UK-produced glass containers, from 36 percent in 2005 to around 30 percent in 2007. The most significant decline has been in green furnaces, which are currently operating with a cullet content of less than 70 percent, compared with around 85 percent in 2005. This is significantly lower than the technical limit, which suggests that the so-called 'green glass mountain' may have disappeared, a stark contrast to recent years.

In addition, it is estimated that around 80,000 tons of flat glass was used in domestic container glass furnaces in 2007. Industry contacts have indicated that they are using more flat cullet, in part owing to shortages of clear container cullet, although there are technical limitations due to differing glass chemistries. Exports of cullet for overseas container manufacture rose by over 40,000 tons in the year to June 2008.

## Defra releases guidance on waste facility design for all types and sizes

Local authorities, architects, planners and builders will be helped to produce high quality and locally appropriate waste facilities thanks to new expert guidance released in November 2008.

The new guidance, produced by Defra in partnership with the Commission for Architecture and the Built Environment (CABE), is aimed at all bodies involved in developing and building waste facilities, offering various approaches to design.

The guidance covers the various types of waste facilities, from small community and municipal sites such as compost units on estates to larger sites such as Combined Heat and Power facilities, and outlines key design principles, the design process, best practice in design and how best to consult the public. Local authorities will make the final decision about waste facilities, but this guidance helps provide the tools to make the best decision.

Environment Minister Jane Kennedy said, "We are committed to making a big effort to reduce waste and improve our recycling ability. To do that Britain needs new infrastructure for the better management of waste. New infrastructure will only be built if local communities are happy and this means the best possible design must be applied to win that all important public endorsement. I hope this new guidance will help achieve that aim."

The guide was created by waste management professionals from organizations in the public and private sectors, including the Department for Communities, local government, Chartered Institute of Waste Management (CIWM), the Environmental Services Association, WRAP, the National Association of Waste Disposal Officers, the Environment Agency and the Greater London Assembly. The guide is posted at [www.defra.gov.uk/environment/waste](http://www.defra.gov.uk/environment/waste).



# WALKER

## CAPITAL PARTNERS

INVESTMENT BANKERS

- WORRIED ABOUT YOUR LENDING RELATIONSHIP?
- IS NOW THE TIME TO TAKE SOME CHIPS OFF THE TABLE?
- WILL INDUSTRY CONSOLIDATION SLOW DOWN?
- WILL CAPITAL GAINS TAX RATES DECREASE?
- DO YOU EXPECT TO PAY A LOT OF TAXES IN 2008?
- DO YOU WANT TO RECOUP PAST TAXES PAID AND LOWER FUTURE TAX LIABILITY?

ACQUISITIONS
FINANCINGS
RESTRUCTURINGS

ESOPs
RECAPITALIZATIONS

WALKER CAPITAL PARTNERS, LLC  
ATLANTA, GEORGIA  
P (404) 432-8289 / (404) 549-6929

Member FINRA, SIPC
WWW.WALKERCP.COM

# ANNOUNCEMENT

## from American Recycler

ISSUE	CLOSE	FOCUS	2009
<b>JAN</b>	12/17	Auto Recycling	
<b>FEB</b>	1/16	Tires/Rubber	
<b>MAR</b>	2/16	Electronics	
<b>APR</b>	3/17	Metals	
<b>MAY</b>	4/17	Solid Waste	
<b>JUN</b>	5/18	Paper/Plastics	
<b>JUL</b>	6/17	Wood/Green Waste	
<b>AUG</b>	7/20	Auto Recycling	
<b>SEP</b>	8/18	Solid Waste	
<b>OCT</b>	9/17	Non-ferrous Metals	
<b>NOV</b>	10/16	C&D	
<b>DEC</b>	11/16	Alternative Energy	

### BIG changes are coming to American Recycler in 2009!

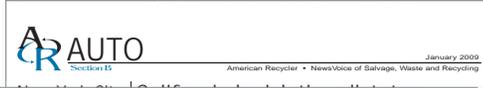
Look for our new supplemental section beginning in January 2009.

Section B will now be a pull-out section with editorial content and news articles based on the editorial focus of each edition.

Book your ad space in the 2009 issues today!



RUBBER  
Section B  
American Recycler • News/Voice of Salvage, Waste and Recycling  
February 2009



AUTO  
Section B  
American Recycler • News/Voice of Salvage, Waste and Recycling  
January 2009



WASTE  
Section B  
American Recycler • News/Voice of Salvage, Waste and Recycling  
November 2008

Space is limited, so don't wait...

877-777-0737

www.AmericanRecycler.com

## BUSINESS BRIEFS

### Schnitzer Steel board sets quarterly dividend

■ The board of directors of Schnitzer Steel Industries, Inc. declared a cash dividend of \$0.017 per common share, payable on December 1, 2008, to shareholders of record on November 17, 2008. Schnitzer has paid a dividend every quarter since going public in November 1993.

### Peterson takes on Alban Tractor as new dealer

■ Peterson Pacific Corp., a Eugene, Oregon-based manufacturer of grinders, chippers and blower trucks, announced that Alban Tractor Co. is now the Peterson distributor in the mid-Atlantic area.

This territory includes Maryland, southern Delaware, northeast Virginia, and northeast West Virginia.

### ThermoEnergy makes appointments to its board

■ ThermoEnergy Corporation has named international financial advisor, Arthur S. Reynolds, to the Company's board of directors.

Reynolds is the founder and current managing director of Rexon Limited, a financial consulting firm with offices in London and New York.

Previously, Reynolds was managing director of London-based Ferghana Financial Services Ltd. During his tenure, he was responsible for raising hundreds of millions in equity finance, including funding a series of international mergers and acquisitions.

Reynolds maintains offices in New York and London.

### Covanta Holding reports third quarter results

■ Covanta Holding Corporation reported financial results for the three months ended September 30, 2008. Diluted earnings per share rose by 28 percent to \$0.32 in the third quarter of 2008, up from \$0.25 in the third quarter of 2007.

For the three months ended September 30, consolidated operating revenues grew 25 percent to \$439 million, up from \$352 million.

Domestic segment revenue grew 14 percent to \$355 million, driven primarily by the contribution of revenue from acquisitions completed in 2007 and higher prices for energy and recycled metals. Contractual escalation in service fees and higher volumes at tip fee facilities also contributed to the increase. Domestic plant operating expenses increased by 12 percent, primarily due to the incremental expenses associated with businesses acquired in 2007 and escalating costs.

International segment revenue increased by \$43 million to \$80 million and international plant operating expenses increased by \$39 to \$67 million.

For the nine months ended September 30, 2008, total operating revenues rose by 21 percent to \$1.3 billion. Operating cash flow was \$267 million and adjusted EBITDA was \$436 million.

### Gerdau Ameristeel acquires Metro Recycling

■ Gerdau Ameristeel announced that it has acquired Metro Recycling, a scrap processor headquartered in Guelph, Ontario. Terms of the transaction were not disclosed. Metro Recycling is a central Ontario recycler with three locations, two in Guelph and the other in Mississauga.

### City Carton hires new sales manager

■ Andrew Kroymann is the new equipment sales manager for City Carton Recycling.

He is responsible for the sales and marketing of all recycling and waste equipment, wire, preventative maintenance, service, and related products offered by City Carton Recycling. Kroymann is based at City Carton Recycling's corporate headquarters, in Iowa City, Iowa.

Kroymann has over ten years of retail sales and management experience.

### John Deere enhances remanufacturing focus

■ Deere & Company said it has acquired full ownership of ReGen Technologies, Inc, a remanufacturing company located in Springfield, Missouri. Deere had already owned 50 percent of the business.

John Deere said the operations will be more fully integrated with remanufacturing operations in Edmonton, AB, Canada and the overall name of the business will be John Deere Reman — an organization focused on growing Deere's remanufacturing business globally.

ReGen was founded in 1998 to remanufacture engines for John Deere products in the United States and Canada and has broadened its product line since then to include other engine components, fuel injection systems, starters, alternators, air conditioning components and other key parts for John Deere customers of agricultural, construction and forestry equipment around the world.

Schaffter said the remanufacturing business is important to Deere because of the environmental benefit.

### Environmental council sets new board member

■ G. Montgomery Lovejoy, has been appointed to the board of directors of the Environmental Business Council of New England (EBC).

G. Montgomery Lovejoy is a vice president for business development at Earth Tech AECOM. He profiles all of AECOM's services and capabilities to industrial, commercial, governmental, and institutional clients globally.

With 27 years of experience, Lovejoy consults with clients on engineering, regulatory compliance, health and safety, environmental and construction management projects.

From 2001 to 2007 he directed Earth Tech's Tyco Synergy Program. Lovejoy is a global account manager for a number of additional corporations.

Lovejoy joined Earth Tech in 1990 from the Associated Industries of Massachusetts, where he was vice president for the Energy and Environment program. He represented business interests in the development of legislative and regulatory policies relating to air quality and water pollution control; hazardous, solid and low level radioactive waste management; site restoration; energy and environmental health issues.

### Oakleaf's CEO is Business Person of the Year 2008

■ Oakleaf announced that Jim Barnes, Oakleaf's chief executive officer, has been named Hartford Business Journal's Business Person of the Year 2008.

Barnes created an aggressive, asset-light business model, where world-class customer service would be synonymous with the Oakleaf name. His approach in providing cost-efficient services and personalized evaluations of customers' waste streams and how they could profit from being recycled or sold, distinguished Barnes as a leader who paid attention to how companies could lessen their environmental impact, while improving their bottom line.

Under Barnes' direction, Oakleaf has changed from a small-start up to an enterprise with annual revenues surpassing \$700 million dollars.

### Randy Akers appointed by Pressure Systems

■ Pressure Systems named Randy Akers as its new business development director to help meet the company's objective of providing more comprehensive and integrated solutions to the liquid and pressure measurement industries.

Akers will be responsible for evaluating current Pressure Systems' markets to define industry needs that will steer the company's product development. In addition, Akers will identify customer problems and apply the company's advanced level measurement technology to existing industry situations.

He will also research additional market segments that could benefit from advanced liquid and pressure measurement to broaden the use of liquid and pressure measurement technology across other industries.

Akers will coordinate these research efforts with the company's sales, development engineering and technology staff to maximize the extensive knowledge base that exists within the company.

As the former director of marketing for The Ludlow Group and director of sales and marketing for the Mitsubishi Kagaku Imaging Corporation, Akers has coordinated product development efforts and marketing communications programs on a global scale.

### Magnum elects new advisory board members

■ Magnum D'Or Resources, Inc. announced the addition of Gopi B. Sekhar and Professor Dr. N. Natchimuthu to its advisory board.

Gopinath B. Sekhar has work experience including international trading, rubber products and rubber technology.

Dr. Natchimuthu brings strong credentials for the development and implementation of the next generation of technologies.

### CleanTech Biofuels finalizes patent acquisition

■ CleanTech Biofuels, Inc., formerly a sublicensee of World Waste Technologies' patent titled 'Method for Transforming Diverse Pulp and Paper Products into a Homogenous Cellulosic Feedstock', has now acquired that patent. CleanTech Biofuels is now able to file new United States and international patents based on the combined technologies described in the patent and those of Biomass North America Licensing.

The newly acquired patent relates to the proprietary Pressurized Steam Classification process that CleanTech uses for cleaning and separating municipal solid waste into its component parts. This process creates a homogenous biomass that can be used as a renewable feedstock for the production of alternative energy in a variety of different applications. CleanTech is implementing its technology at a commercial site in Chicago, Illinois and is evaluating a number of additional sites for commercial development.

NEED SAFETY WEAR OR TARPS?

WE CAN COVER THAT.

We carry stock and custom tarps, a wide selection of gloves, glasses, rainwear & other safety gear. With competitive pricing and outstanding service, your needs are covered.

Call today for our FREE color catalog!

[www.tophandglove.com](http://www.tophandglove.com)

Since 1982



TOP HAND SAFETY 800-241-7001

## BUSINESS BRIEFS

### Eagle Construction and Southern Waste merge

■ Eagle Construction & Environmental Services, L.P. (Eagle) and Southern Waste Services, Inc. (SWS) announced the formation of a regional environmental services firm with twenty-seven service centers in nine states.

Eagle and SWS will work together and evaluate integration to maximize the benefit to the companies' employees, customers, and operations. Eagle, who will operate under the new name of Eagle Construction & Environmental Services, LLC, is managed by Marc Walraven, who has been named president. SWS will continue to be managed by current SWS president Jim Weber.

In addition to the merger, Eagle and SWS benefit from an investment by ShoreView Industries, previously an investor in SWS, to provide growth capital for the company.

### Heil names Randy Brown VP of sales and marketing

■ Heil Environmental has hired Randy Brown as vice president - sales and marketing. Brown has global responsibility for the sales, marketing, customer support and parts activities of Heil Environmental, including the Refuse Equipment Group, Export Operations and Parts Central, as well as providing strategy and marketing oversight and support with the Heil Europe and Bayne business units.

Brown joins Heil with more than 18 years of diverse experience at Kennametal Inc., a major industrial manufacturer serving automotive, heavy truck, off-road vehicle, aerospace, energy and general industrial markets. Among his many positions with Kennametal, Brown has served as manufacturing engineer, continuous improvement manager, market research analyst, project manager, training manager, director global marketing communications, director global industry segment management, and director global marketing and business strategy. Most recently he held the position of managing director - Northern Europe, Middle East and Africa based out of the United Kingdom. In this role, he was responsible for the total management of a \$100 million business unit.

### Manheim partners with Pro-Tech Auction

■ As part of its ongoing plans to better serve customers in new markets, Total Resource Auctions has partnered with Pro-Tech Auction's locations in Flint and Belleville, Michigan, bringing the number of Total Resource Auction locations to 58, Total Resource Auctions president Jamie Porter announced.

Pro-Tech Auction CEO and co-founder Gary Lisowski will continue to run operations at the co-branded facilities. Pro-Tech Auction president Darrell "Butch" Ibach Jr. will serve as a consultant and will continue to lead business development initiatives.

### Freedom Environmental acquires Florida company

■ Freedom Environmental Services, Inc. has executed a letter of intent to acquire a Central Florida waste processing and environmental services business. The company currently generates \$10 million in yearly revenues, has been in business for three generations and is positioned to grow exponentially with a recent 300 percent increase in permitted grease and waste processing capacity to 450,000 gallons per day. Additionally, they hold a significant number of profitable municipal and commercial infrastructure and waste hauling contracts.

Edmund F. Curtis, chief operating officer, was quoted as saying "This acquisition immediately provides FESI with an incremental \$10 million in profitable revenues for 2009 and processing capacity of 450,000 gallons per day allowing for strong, predictable revenue growth. FESI at closing will have a market leading grease collection platform to feed biofuel production in excess of 20 million gallons per year. The acquisition should close in the late fourth quarter of 2008."

### Vecoplan names Everhart territory manager

■ Matthew Everhart has joined Vecoplan, LLC as a territory manager in their Waste Paper Systems Division. Everhart will be responsible for Midwest sales in Vecoplan's waste paper markets including the printing and document destruction industries, as well as e-scrap processed by the information destruction industry. Everhart brings five years of experience in sales to his new position.

### Re:Think Recycling acquires PureTech Plastics

■ Re:Think Recycling Group has acquired PureTech Plastics with plans to grow the business.

PureTech provides high-quality post-consumer resin rPET that can be used for high-quality products, including food and beverage packaging.

The current management team will remain in place at PureTech Plastics' East Farmingdale facility. In addition, Chuck Jones of Advanced Plastics Systems has been retained to help leadership expand the business.

### Waste Pro awarded new waste collection contract

■ Gwinnett Clean and Beautiful Services, Inc., Georgia, has awarded an exclusive seven year waste and recycling service responsibility to Waste Pro of Georgia for Zones 1, 2, and 6 - totaling over 92,000 homes in the south and in the southeast portions of the County.

Waste Pro was the only respondent to offer services with vehicles which operate on Compressed Natural Gas (CNG), thereby reducing emissions by ninety percent, as compared to diesel fuel.

### Perma-Fix appoints new interim CFO

■ Perma-Fix Environmental Services, Inc. announced that Steve Baughman, the Company's chief financial officer, has resigned effective October 31, 2008, to pursue other business opportunities. Ben Naccarato, who joined the Company in 2004 and served as vice president, corporate controller and treasurer, has assumed Baughman's responsibilities effective November 1, 2008 and will serve as interim chief financial officer until a permanent replacement is named.

Naccarato brings twenty years experience in senior financial positions in the waste management and used oil industries. Prior to joining Perma-Fix, Naccarato served as chief financial officer for Culp Petroleum Company, Inc, a fuel distribution and used waste oil company. Prior to that he spent fourteen years at Safety-Kleen Corp, in various corporate and operational positions including director of financial planning and analysis.

### Greenline Industries expands salesforce

■ Greenline Industries, provider of clean tech energy platforms, has hired Troy Helming to fill a critical role in its expanding domestic and global sales network. Helming brings ten years of renewable energy experience to the position, including founding the first wind energy company in Kansas, developing a renewable energy consultancy and building a biodiesel plant. He represents a new generation of renewable energy entrepreneurs coming out of high tech industries to join the green revolution.

After graduating from the University of Kansas, Helming began his career in the telecom industry before switching to renewable energy in the late 1990s. He helped Kansas harness wind energy as the founder and CEO of Trade Wind Energy. His journey then took him to a consultancy and eventually to founding another renewable energy company in 2002. His second company, Krystal Clean Biofuels, focuses on biodiesel, wind, solar and green construction and includes a biodiesel plant that uses waste cooking oil and animal fats as feedstocks.

### Jon Moreland to manage sales at Oliver Mfg.

■ Oliver Manufacturing Company of Rock Ford, Colorado, has hired Jon E. Moreland as its sales manager.

Moreland will take the lead in marketing and sales and oversee the development of product identity and public relations. Moreland is a skilled negotiator with a solid background in marketing and business operations. Most recently, Moreland was involved in the retail equipment industry as the president of Moreland Implement Co., Inc., of Pueblo and Rocky Ford, Colorado, a John Deere dealer.

### Tahlequah Public compost facility wins award

■ The Tahlequah Public Works Authority Compost Operation received the Environmental Protection Agency's (EPA) National Clean Water Act (CWA) Recognition Award in October. The facility is one of only 24 organizations nationwide to be honored for achievements in wastewater management. It won first place in the Exemplary Biosolids Management category for small operating projects.

"Tahlequah is going above and beyond just meeting the requirements of the Clean Water Act," EPA regional administrator Richard E. Greene said.

Award recipients were honored during the Water Environment Federation's Technical Exposition and Conference in Chicago. For 23 years the CWA Recognition Awards have honored municipalities and industries for creative and technical achievements in wastewater treatment and pollution abatement programs. The awards encourage support for programs that protect public health by safeguarding the nation's water supply.

### Schnitzer Steel promotes new CEO

■ Schnitzer Steel Industries, Inc. announced that Tamara L. Lundgren, previously executive vice president and chief operating officer of the Company, was elected president and chief executive officer and a director by the Company's board of directors at its meeting on October 29, 2008. Both positions were effective December 1, 2008. John D. Carter, current president and chief executive officer, was elected chairman of the board, also effective December 1, 2008.

Lundgren joined Schnitzer in September 2005, and has been the Company's executive vice president and chief operating officer for the past two years. She has been the key architect of the Company's growth strategy and enhanced operational efficiency.

Lundgren, prior to joining Schnitzer, was a managing director in investment banking at Deutsche Bank and JPMorgan Chase in London and New York. She has served on the boards of financial services and technology companies, as well as being active in executive leadership groups.

Carter joined the Company in 2005 as the first non-family chief executive officer in the hundred-year history of the Company, leading the organization through regulatory issues facing Schnitzer at the time and building the platform upon which the expansion in geographic scope and profitability has occurred. Previously, Carter had retired after a distinguished career at Bechtel Group, a construction and engineering company headquartered in San Francisco.

*A Boss: Someone who's early when you're late and late when you're early.*

WE ACCEPT CHECKS, MONEY ORDERS, MASTERCARD, VISA and DISCOVER.  
ALL CLASSIFIED ADVERTISEMENTS MUST BE PAID IN ADVANCE.

# AR Classified ADVERTISEMENTS

**Rates**  
Text Classifieds  
\$60 for up to 50 words.  
Add \$1 each additional word.  
Display Classifieds  
\$65 per column inch depth,  
2.5" width.

## Auto Recycling

**Atlas Recycling, Inc.**  
Scrap solutions for business and industry.

**Mobile Car Crushing Service**

**Non-Ferrous Metal Specialists**  
Serving Ohio & Western Pennsylvania



Call Toll-Free 800-837-1520  
www.atlasrecycling.com

**RM JOHNSON E-Z CRUSHER A+** model portable John Deere diesel very nice condition, price is \$74,900. See it at gomidwest.com, 800-234-4464, x2.

**1973 AL-JON 20 CAR CRUSHER**, Detroit diesel, works good. \$20,000 obo. 1989 Peterbilt roll-off container truck, 444 Cummins tandem 2003 Galbreath roll-off system. \$20,000 obo. 2003 Terex SKL 873 wheel loader good condition, quick-detach bucket and forks, Perkins engine, heat, 6,800 hours. \$40,000 obo. 570-716-2649

## Balers

**OBC OHIO BALER COMPANY, INC.**  
Your Source for all Recycling Equipment Needs

**ALWAYS BUYING AND SELLING NEW, USED & RECONDITIONED EQUIPMENT**

- 2 RAM BALERS • LOGGER BALERS
- METAL BALERS & SHEARS
- ALLIGATOR SHEARS • WIRE STRIPPERS
- SCRAP PROCESSING EQUIPMENT
- RELINE SERVICES

EXCLUSIVE HARRIS DEALER FOR OHIO, WESTERN PA. & WESTERN NY.

216-398-8800  
www.OhioBaler.com

**2004 Sierra RB-5000 Baler with Crane on Tri-axle Trailer**

**READY TO WORK**



4,200 Hours

Excellent Condition, \$229,000.

Call Francis: 718-812-1551

## Balers

**HORIZONTAL BALER, LOGEMANN MODEL 245B-AT.** Bale 40" x 30" x 56". Bale weight 1,150 to 1,500 lbs. Compression 12" cylinder, 3,000 psi, 9" ejector cylinder. 100 h.p. motor, automatic tie. 100 hours since overhaul. Bob Hall 405-236-4255.

## Businesses

**ATTENTION YARD OWNERS!** Thinking about selling or buying? We specialize in yard acquisition. We will help you from preparation of sale to closing. Please call Jimmy Yi (Broker) for free consultation at 678-200-2822. Business evaluation service and brokerage company. Broker/agents welcome. A.I. Capital Investments, LLC.

**SOUTH JERSEY JUNKYARD** with license for sale. 19 acres, frontage on three streets. Environmentally clear, with some inventory. Contact Steve at Stephen Scherfel Realty. 856-845-4744.

## Material Handlers

Call Stretch Boomer!  
New Material Handler Front Ends for your Excavator Starting at \$29,000!!

30, 40, 50 or 60 ft.!

- Also Available - Long Reach/High Reach/Demolition Fronts Convert your Older Machine or Sell your Inventory faster as a Specialty Machine!

If you purchase one of our attachments in 2008-- you may fully depreciate it in 2009 due to the new tax laws!  
**(888) 988-5747**  
www.longreachhighreach.com

**WV METALS EQUIPMENT LIQUIDATION:** '07 MAC L3600 Logger, '06 Prentice Loader, PC220 Komatsu with 18" shear & bucket, CAT rubber tire loader, John Deere 544, complete metal yard liquidation. For complete list contact Pete at 304-472-0808.

**2003 NEW HOLLAND/O&K MH6 RUBBER-TIRED MATERIAL HANDLER**  
46' reach, solid tires, 3' cab riser, new 17KW gen set and 5-tine rotating grapple.  
**\$130,000 fob Baltimore**  
**800-472-0453**

## Material Handlers

### MOBILE SHEARS



with Cab Guards  
2005 KOMATSU PC300 LC-7L w/Genesis GXP 500R rotating shear.

2007 CAT 330DL with LaBounty MSD2500R rotating shear, 750 hours total.

1997 CAT 320 with Cat S325 rotating shear.

2004 VOLVO EC330B CRAWLER with Genesis GXP660R rotating shear (low hours).

2006 GENESIS GXP700R rotating shear lugged for Hitachi.

2000 KOMATSU PC300 LC-6 with Genesis GXP660R rotating shear.

1996 KOMATSU PC220 crawler with LaBounty MSD50 shear.

**800-472-0453 Ivan Jacobs**

## EQUIPMENT International

Call Ivan Jacobs today at

**800-472-0453**



**BUY NOW** to benefit from the 2008 Economic Stimulus Package

2004, 2005 & 2008 FUCHS MHL 360 (rubber), 59' reach, hydraulic cab, gen-set, magnet & grapple.

2004 FUCHS MHL 350 REBUILT (rubber), 50' reach, hydraulic cab, gen-set and grapple.

2001 & 2002 FUCHS MHL 331 (rubber), 35' reach, hydraulic cab, gen-set and grapple.

2001 FUCHS MHL340 REBUILT (rubber) 41' reach, hydraulic cab, gen-set and grapple.

Rebuildable 2004 FUCHS MHL360 (rubber), hydraulic cab, gen-set and grapple, 14,000 hours but is operational.

1994 AND 1995 FUCHS MHL350 REBUILT (rubber) 50' reach, hydraulic cab, gen-set and grapple.

2004 & 2008 COLMAR 5500 AUTO LOGGER/BALER with 18 1/2" chamber.

1997 MAC portable car crusher.

2003 SENNEBOGEN 830R REBUILT (crawler), hydraulic cab, A/C, gen-set and grapple.

2000 & 2001 SENNEBOGEN 830M REBUILT (rubber), 50' reach, hydraulic cab, gen-set and grapple.

2005 CAT M325C (rubber) with 50' reach, hydraulic cab, A/C, gen-set and grapple.

2003 CAT M322 (rubber), 42' reach, hydraulic cab, gen-set and grapple.

2005 ATLAS 1905M (rubber), hydraulic cab, A/C, gen-set and grapple.

2005 LIEBHERR R934BEW (crawler) 50' reach, 4' cab riser, gen-set and rotating grapple

2001 LIEBHERR A934 (rubber) 49' reach, hydraulic cab, gen-set and grapple.

2001 LIEBHERR A924 REBUILT (rubber), 40' reach, hydraulic cab, gen-set and grapple.

2001 LIEBHERR A904 REBUILT (rubber), 38' reach, hydraulic cab, gen-set and grapple

2000 LIEBHERR R914 REBUILT (crawler), 38' reach, 4' cab riser, gen-set and grapple.

2000 LIEBHERR A904 REBUILT (rubber), 35' reach, 4' cab riser, gen-set and grapple.

1997 LIEBHERR R972EW (crawler) hydraulic cab, 69' reach, plumbed for rotating grapple.

1997 LIEBHERR R932EW (crawler) 49' reach, hydraulic cab, gen-set and grapple.

2003 NEW HOLLAND MH (rubber), 46' reach, cab riser, gen-set and grapple.

1995 NORTHSHORE 2100 SE REBUILT (stationary electric -75HP) MH, 27' reach, cab, A/C and grapple.

2002 KOMATSU PC220LC (crawler) with new gen-set and 48" magnet.

2000 DAEWOO 200W (Rubber), foam-filled tires, new gen-set and 48" magnet.

(I) USED ROTATING GRAPPLE

(I) USED 67" OHIO MAGNET

REBUILT MAGNETS: 48"-55"-66"

NEW 4-TINE ROTATING SCRAP GRAPPLES

NEW BELT OR DIESEL-DRIVEN GEN-SETS COMPLETE

## Material Handlers

### HEAVY EQUIPMENT SERVICES CO



2003 FUCHS MHL360 (Rubber) 54' Reach, Hydraulic Cab, Gen Set & Grapple

2005 FUCHS MHL350 (Rubber) 49' Reach, Hyd Cab, Gen Set & Grapple

1999 FUCHS RHL340 (Crawler) 41' Reach, Elev Cab, Gen Set & Grapple

2002 Liebherr A904 (Rubber) 38' Reach, Elev Cab, Gen Set & Grapple

1993 Liebherr R932 (Crawler) 45' Reach, Elev Cab, Gen Set & Grapple

2002 Caterpillar M325B MH (Rubber) 50' Reach Elev Cab, Gen Set & Grapple

1994 Caterpillar 375L MH (Crawler) 55' Reach Elev Cab, Gen Set

www.hescomachinery.com

CALL JOHN DAVIS 952-944-3611

## 1996 DAEWOO 200W



Foam-filled tires, new gen-set & magnet.

2,500 Hours

**800-472-0453 Ivan Jacobs**

## New American built

Diesel, Gas or Belt-driven Gen-sets and New Deep Field Aluminum Wound Magnets.

**800-472-0453 Ivan Jacobs**

## ALWAYS BUYING

Used Material Handlers, Portable Shears and Balers.

Call Ivan at **800-472-0453.**

## MOBILE SHEARS



2005 Komatsu PC300LC-7 (Crawler) with new Genesis GXP500R Shear

2003 Komatsu PC400LC-6 (Crawler) with rebuilt Genesis GMS1000R Shear

www.hescomachinery.com

CALL JOHN DAVIS 952-944-3611

**NEXT DEADLINE: December 17**

WE ACCEPT CHECKS, MONEY ORDERS, MASTERCARD, VISA and DISCOVER.



# Classified ADVERTISEMENTS

ALL CLASSIFIED ADVERTISEMENTS MUST BE PAID IN ADVANCE.

## To Place Your Ad

Call  
877-777-0737  
Fax  
419-931-0740  
Visit  
AmericanRecycler.com

## Rates

**Text Classifieds**  
\$60 for up to 50 words.  
Add \$1 each additional word.  
**Display Classifieds**  
\$65 per column inch depth,  
2.5" width.

## Miscellaneous

### EQUIPMENT FOR SALE NEW & USED

Balers / Shears / Loggers  
Two Ram Balers / Conveyors  
Shredders - All sizes  
**SPECIALS OF THE MONTH:**  
HARRIS SHEAR BSH-22- 925  
HARRIS BALER TGS 324-3  
SIERRA T 500 SHEAR BALER LOOGER

### LET US SELL YOUR EQUIPMENT

Gus 813-282-8712  
Gunn 813-713-1210

### New, United Sweat Furnace

Approx. weight: 20 tons with 3 opening doors, and 5 holes for burners. Can use for aluminum, zinc, diecast.

Contact Eric: (920) 693-8261  
or e-mail [bbmetals@tds.net](mailto:bbmetals@tds.net)

LOGGER BALERS • SHEAR BALERS  
HORIZONTAL SHEARS • CRANES  
**LOG or BALE Entire  
AUTOS with COLMAR  
EQUIPMENT**  
NEW, USED & RECONDITIONED  
with WARRANTY

Roll-off Transportable Balers  
Hi-speed Shear Balers  
Scrap Yard Cranes  
(w/Magnets & Grapples,  
Wheeled or Tracked)  
INVENTORY IN STOCK!  
100% FINANCING @ 7.75%  
AVAILABLE  
**Valstone, Inc.**  
800-622-4446  
[valstoneinc@comcast.net](mailto:valstoneinc@comcast.net)

**Alan Ross Machinery Corporation**  
**NEW SCRAP LIFTING MAGNETS**  
High Performance, Low-priced Magnets  
Sizes In-Stock: 27", 36", 42", 48", 50", 58", 65"  
847-480-8900 • [www.rossmach.com](http://www.rossmach.com)

**2004 NEW HOLLAND LW50 LOADER**, grapple bucket, solid tires, 1900 hours, \$24,000. **2004 New Holland LW90 Loader**, Air Boss tires, 1200 hours, \$44,000. **E-Z Crusher Wheel Crusher**, low hours, \$4,000. North Lapeer Recycling, 810-793-7557

### EQUIPMENT FOR SALE

1997 Mac car crusher, auto, portable, \$89,000,  
2007 Colmar B5500, w/ crane, 18.5' box, call  
Liebherr A912, rubber, high cab, grapple, \$39,000  
Colmar 3210 scrap baler, 10' box, \$125,000  
Sierra 380 shear/logger/baler, \$139,000  
New can densifier, stationary or portable, \$8,900  
New horizontal can & PET baler, 150 lb bales, gas  
or electric, \$10,900

- More equipment available -  
We are looking for equipment to buy--call today!

REW, LLC  
701-837-5654  
[rew75@msn.com](mailto:rew75@msn.com) / [www.scrapyardequip.com](http://www.scrapyardequip.com)

## Miscellaneous

### EQUIPMENT FOR SALE

— Gala 7.5 h.p. Spin Dryers Mdl. 203DWS  
— 200 h.p. Miits & Merrill hog grinder, 20" x 36"  
— 150 h.p. SSI shredder, RAM feed, 45" x 74"  
— Previero Hyd. Film Shredder, 33" x 49"

**Perry Videx LLC • 800-899-6224 x-4046**  
[fgarcia@perryvidex.com](mailto:fgarcia@perryvidex.com) • [www.perryvidex.com](http://www.perryvidex.com)

## RADIOACTIVE Waste Disposal

- Self-Illuminating Exit Signs
- Smoke Detectors
- Contaminated Pipe
- Water Filtration Media
- Contaminated Demolition Trash
- "Hot" Equipment & Machinery

### ADCO Services, Inc.

708-429-1660 / [www.adcoservices.com](http://www.adcoservices.com)

### SSE Metal X Finder 2400

Wendt  
'06  
Separator  
Package,  
96" wide



Includes vibrating pan feeder and air compressor system.

Call or e-mail Ted or Bob: (920) 693-8261  
or e-mail [bbmetals@tds.net](mailto:bbmetals@tds.net)

### 400-Ton, Stationary, Tri-State Shear, Baler, Logger \$75,000

Has squeeze box, very good older machine in Newton, WI

Contact Eric: (920) 693-8261  
or e-mail [bbmetals@tds.net](mailto:bbmetals@tds.net)

### USED EQUIPMENT FOR SALE

D & K 24" ALLIGATOR SHEAR, \$5800  
DOUBLE DOOR 60" VERTICAL BALER \$5,000  
CD 3000 CAN DENSIFIER W/ CONVEYOR, \$25,000  
USED EDWARDS 7" SHEAR, 230V/3 PHASE, \$2900  
16" ALLIGATOR SHEAR, FOOT PEDAL, \$8500  
HORIZONTAL BALER FOR UBCS, \$15,000

**HOVDE RECYCLING EQUIPMENT**  
800-617-5219 or 480-699-2460  
[scrapequip.com](http://scrapequip.com)

### USED MAGNETS:

## 38" & 45" Crane magnets

Harris Pedestal-mount CRANE, 100 h.p.  
electric, 65' of reach. Equipped for magnet or  
grapple with spare parts, Model #6520P

### 150 h.p. electric TIRE SHREDDER

Kohart Surplus & Salvage, Ken Kohart  
419-399-4144 • 419-786-9243

## Miscellaneous

**NEW 4-TINE ROTATING HYDRAULIC GRAPPLES.** Various sizes with rotation and connector link. In stock. Call Ivan Jacobs at 800-472-0453.

24" GAS TANK STRAP CUTTER \$119

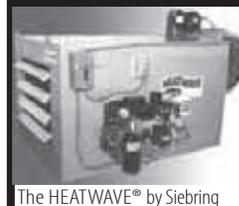
27" SLIDE HAMMER HANDLE GAS TANK STRAP CUTTER \$155

28" STEEL CABLE CUTTER Blade opens 1-1/8" \$89

33" COPPER & ALUMINUM CABLE CUTTER Blade opens 2-1/8" \$155

CALL JOHN HARTY TOOLS  
800-253-5646

## Heat with Waste Oil and SAVE!



**KAGI Multifuel Waste Oil Burners...**  
simply the best,  
most reliable waste  
oil burner you can buy!

The HEATWAVE® by Siebring

**Kagi Heating Supplies & Mfg, Inc.**  
888-866-5244  
[www.kagiburner.com](http://www.kagiburner.com)

(1) 2008 CX210B CASE EXCAVATOR, 800 hours, with Gensco hydro genset, has thumb, 48" magnet, asking \$160,000 with Genset and magnet and \$120,000 without. 2004 Big Mac Crusher, 3,489 hours, \$125,500 OBO. 1994 Liebherr 912 with a 48" Ohio magnet, self-contained Genset, \$45,000 OBO. Call 417-247-1266.

## Scales

**NTEP APPROVED, LEGAL FOR TRADE FLOOR SCALES:** 4' x 4' 5,000 lbs. \$795, 5'x5' 5,000 lbs. \$1,100. Scales come factory calibrated with digital readout. Free shipping, other sizes and capacities available. Industrial Commercial Scales, LLC, 843-278-0342, [sales@icscale.com](mailto:sales@icscale.com).

## SCALES

Platform-Truck-Rail-Crane  
All types & sizes-Legal for Trade  
Rental & Purchase Options

800-522-9464  
Available today



**WINGFIELD SCALE**

## Software

**SALVAGE YARD SOFTWARE.** Auto recyclers yard management system for Windows™ by Rossknecht Software. Obtain extra revenue from scrap vehicles. Includes vehicle parts breakdown, invoicing, bar code tags, digital pictures, reports, towing, sales history, bookkeeping. New: Scrap purchase invoice and prints checks; send your inventory to your website. \$750 complete, no monthly fees. Visit [www.rossknecht.com](http://www.rossknecht.com), e-mail [arsales@rossknecht.com](mailto:arsales@rossknecht.com). Free demo CD 303-884-5315.

## Trucks & Trailers

**TRUCK PART SERVICE, INC.**  
(704) 596-8311  
Specializing  
in... Rolloff  
Container  
Tiedown Systems  
[www.TruckPartService.com](http://www.TruckPartService.com)

## Wanted

**JUST LISTED [www.techremoval.com](http://www.techremoval.com).** Computer and electronic auction. 100% free. Bid, buy, sell. Tech Removal is the first exchange service for recycling of its kind that will instantly give your business access to worldwide service vendors who will help you in your asset management and 100,000s of electronic recyclers for the best value, at the price you want.

**WANTED: DEAD OR ALIVE:** Top Dollar Paid. Skid Steer Loaders, all brands—Bobcat, New Holland, Case, Gehl, Mustang, Thomas, etc. Any condition, all or part. Also buying articulated loaders and backhoes, any condition. Call 407-341-2577. Ask for Allen or e-mail: [Roberts743@aol.com](mailto:Roberts743@aol.com).

## WANTED

### Antique Timber & Boards

Yellow Pine  
Douglas Fir  
Tank Cypress  
Tank Red Wood

What Its Worth, Inc.  
512-328-8837

**NEXT DEADLINE:  
December 17**

# The Enviro-Rack

## Auto Fluid Removal & Dismantling Station

The Enviro Rack is the **FIRST AND ONLY** self-contained fluid removal system on the market.

We offer all steel tanks along with a grated catwalk for operator safety. Underneath the catwalk is a 249 gallon catch pan and also a 360 gallon tank to catch any spills. No other system on the market comes close to the Enviro Rack. Meet EPA and State level regulations concerning fluid removal. The Enviro Rack is totally air operated. There are no gasoline or electric motors that could create a spark. The Enviro Rack is a safe system. Complete fluid removal in less than 5 minutes.



### Enviro Rack Features:

#### Options:

Hook and rails suitable for rolloff container system

Catalytic Converter Cutter powered by air

Vacuum system to remove fluids from master cylinder and power steering pumps

Extra funnel with air drill increasing operating speed for two man operation.

We also sell Oil Dri by the pallet or half pallet and oil absorbent cloth sold by the pound.

#### Dimensions:

Height 7' 4"

Width 6' 6"

Length 16' 0"

Weight 7,000 lbs.

Funnels are equipped with drills through the center to insure there are no spills.

Antifreeze drain vat is piped into the holding tank

Antifreeze and motor oil storage tanks have a 180 gallon capacity

All tanks have gauge and gauge guard

Each unit is equipped with two fire extinguishers

Grated catwalk for floor safety

Adjustable car rack allows for any size vehicle and can be setup tilted to the left or right for liquids to drain to one side of the tank

Air drills are used for speed and safety

249 gallon catch pan

360 gallon lower tank beneath catch pan

4 foldout catwalks for tire removal

50ft. retractable hose reel for air wrench

The upper rack serves as an air manifold

Fluid can be pumped out of tanks using air pressure and tanks also have lifting eyes for easy handling

Toll-free 877-247-6629  
Fax 478-252-9030  
Wadley, Georgia

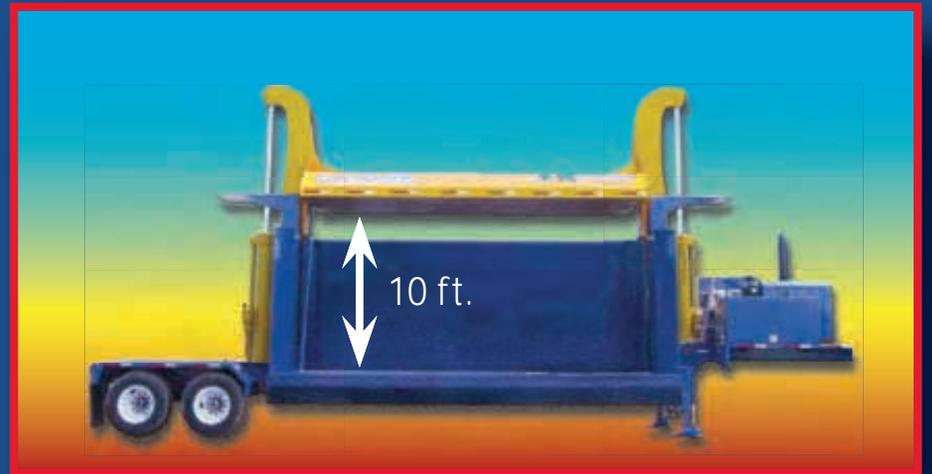
# IRON AX

Iron Ax, Inc.  
Website: [www.ironax.com](http://www.ironax.com)  
E-mail: [ironax@ironax.com](mailto:ironax@ironax.com)

# OVERBUILT CRUSHERS

## MAXIMIZE YOUR CRUSHING EFFICIENCY

- 10 Foot Opening
- Advanced Oil Recovery System
- State-of-the-Art Automation System
- 400-gallon Fuel Tank and Optional Auxiliary Fuel Pump
- Optional High-speed Oil Bypass System
- Economical 4-cylinder and Electrical Models



HIGH-SPEED BALER/LOGGER



**800-548-6469**  
**605-352-6469**  
**www.OverBuilt.com**  
**sales@overbuilt.com**

**OverBuilt** INC

Huron, South Dakota

## WM reports third quarter earnings up

Waste Management, Inc. announced financial results for its third quarter ended September 30, 2008.

Revenue for the third quarter of 2008 was \$3.53 billion compared with \$3.40 billion in the year ago period, an increase of 3.6 percent.

Net income for the quarter was \$310 million, or \$0.63 per diluted share, compared with \$278 million, or \$0.54 per diluted share, in the prior year period, an increase of 16.7 percent in earnings per diluted share.

The Company noted several items that impacted the results in the 2007 and 2008 third quarters. Results in the third quarter of 2008 included an after-tax benefit of \$0.03 per diluted share due to gains from the divestiture of operations offset by a decrease of \$0.03 per diluted share. This was related to the cost of a labor disruption in Milwaukee, including more than a \$0.02 per diluted share charge related to the agreement to withdraw the bargaining unit from the Teamsters' underfunded Central States pension fund. Results in the third quarter of 2007 included a decrease of \$0.03 per diluted share related to the cost of a labor disruption in Oakland offset by a \$0.03 per diluted share benefit from income tax items. Excluding those items, earnings would have been \$312 million, or \$0.63 per diluted share, in the third quarter of 2008 compared with \$280 million, or \$0.54 per diluted share, in the third quarter of 2007.

Income from operations as a percent of revenue was 18.0 percent in the third quarter of 2008, a 60 basis point improvement compared with the third quarter of 2007, both periods adjusted for the items noted above. For the nine months ended September 30, 2008, Waste Management reported operating revenue of \$10.28 billion, compared with \$9.95 billion for the same period last year. Net income was \$869 million, or \$1.75 per diluted share, for the nine months ended September 30, 2008, compared with net income of \$854 million, or \$1.62 per diluted share, for the same period in 2007.

# Algae may fuel engines

## Organism 30 times more productive than plant biofuels

by Brian R. Hook

The first generation of biofuel uses corn to produce ethanol. The second generation utilizes the non-food parts of the corn plants to create cellulosic ethanol. Now researchers are working

on the third generation of biofuel – produced with algae.

“Extracting oil from algae to produce a more sustainable biofuel is one of the most promising and exciting areas of biofuels research today,” said Richard Sayre, director of the Enterprise Rent-A-Car Institute for Renewable Fuels at the Donald Danforth Plant Science Center in Creve Coeur, Missouri, a suburb of St. Louis.

There are numerous benefits of algae oil compared to traditional fossil fuels, Sayre said. Algae oil is less damaging to the environment than fossil fuels, for starters. It efficiently removes or recycles carbon dioxide from the atmosphere, for example.

Algae are also at least 30 times more productive per unit of land than the best plant biofuel, according to Sayre. Algae can be harvested every day of the year, unlike crop plants. Plus it can be grown on marginal lands not currently used for crop plants.

“The growth environment can be very tightly controlled to optimize production,” Sayre said, noting algae ponds could produce 2,000 to 6,000 gallons of oil per acre per year. “This is enough to supply a full year’s supply of gas for two to five cars,” he said.

The National Renewable Energy Laboratory (NREL) in Golden Colorado, part of the United States Department of Energy (DOE), is also working on algae oil production.

Al Darzins, group manager and principal researcher at NREL, said the center first started working on algae oil back in 1978. The program lasted for almost 18 years.

The NREL went out into the environment to collect algae samples from different water sites, characterizing the species with regard to their oil production capabilities. Researchers also started developing tools to genetically engineer micro-algae.

Despite initial success with the research into algae oil, the DOE terminated the program in 1996, citing budget restraints. The federal department also wanted to put more money into cellulosic ethanol. Probably the biggest reason for shutting down the program, however, was because a barrel of oil only cost \$20 at the time, Darzins said. “There was no way that the technology was competitive with \$20 barrel of oil.”

Higher oil prices have changed the thinking, however. Darzins said that even though oil has since dropped after almost reaching \$150 barrel this year, there is a lot more focus now on energy security and more interest in reducing greenhouse gases.



PHOTO BY DARKKNIGHTSKY | DREAMSTIME

Algae oil is less damaging to the environment than fossil fuels and efficiently removes carbon dioxide from the atmosphere.

Continued on Page 4



**EXCEL**  
MANUFACTURING

## The Value of Innovation.

Setting the standard others strive for.



**EX Series**  
Low volume, multi-material recycling



**HV Series**  
Severe duty non-ferrous recycling



**2-Ram Series**  
Severe duty and high volume recycling

Machines to 40 tons per hour.

**EXCEL Manufacturing, Inc.**  
PO Box 428 • 776 West 12th Street • St. Charles, MN 55972  
(607) 832-4880 • Fax (607) 832-4883 • www.excelmfg.com  
**(800) 476-8812**

## A letter from the Editor

Dear Readers,

I feel like I've just begun to get to get settled, and I already have to change directions. Don't worry – I'm not leaving the American Recycler. I'll still be here to take your calls and respond to your letters. Rather, the Waste Section is relocating beginning January 2009.

It's been a busy month here at the AR offices. For one thing, the offices themselves have changed. During the last couple of days in October, we up and moved into a different office building. My Halloween was spent packing and moving all of the various knick-knacks and office accoutrements that I've managed to accumulate during my few months at the paper. And while the new place is nice, moving printers and credenzas in a pirate costume wasn't nearly as fun as I was led to believe it would be.

What will be fun, though, is working with American Recycler's new layout. But before you Waste folks throw up your hands and cancel your subscriptions, you ought to know that we are NOT stopping our waste coverage. The articles and content that you rely on each month will still be here, but they'll have been relocated to a new spot in the Main Section. We've got other plans for Section B.

That's right – the New Year will usher in a new AR. We've made a New Year's resolution to make the new American Recycler even more informative and engaging.

Now I know you're wondering how we plan on improving an already stellar publication. We had to think long and hard about it too. But in the end, we've decided to turn Section B into a focal section.

Each month, AR has a different editorial focus that determines the main content of the issue. However, sometimes we fear that the focus is lost amidst all of the other great information in the paper. To remedy this, we've decided to turn Section B into a focal section, where the content is dedicated to that particular month's editorial focus.

Now I know we've spoiled our Waste readers in the past by dedicating the section to them each and every month, but now you all are just going to have to learn to share with Plastics, Glass, Rubber, Metals, etc.

So, enjoy this last issue of 2008, and the last edition of the Waste Section as you currently know it. I'd hold onto it if I were you. It may be worth something someday.

As such, I'd like to extend an offer to all of our readers – swing by the new place for a tour of AR HQ, take me out for some lunch, and I'll agree to autograph your December issue. That ought to triple its value. Really.

As always, feel free to write, call, e-mail, or fax me your thoughts, opinions, rants, or (hopefully) compliments. If there's anything you'd like to see in the new American Recycler, the winds of change are a-blowin' and now would be a good time to speak up.

Happy New Year & Happy Reading,

Dave Fournier,  
Former Waste Editor,  
Future Focal Editor.

# New studies support ICGA claims that ethanol fears are unfounded

The Illinois Corn Growers Association (ICGA) unveiled two landmark studies that concluded that production of the biofuel leaves a smaller carbon footprint than gasoline and has substantial room for growth without affecting corn supply to the food and feed sectors.

Said Rob Elliott, vice president of the ICGA, "Amid the long and sometimes heated debate between ethanol proponents and detractors, these studies indicate that modern ethanol plants have a superior carbon footprint and net energy benefit when compared to gasoline refineries."

The ICGA said that the state's total ethanol output has surpassed 1.5 billion gallons annually which is about one third of total gasoline use in Illinois. The growing ethanol industry is creating new jobs in rural communities.

"A single 50 MGY ethanol plant produces 32 new fulltime jobs, spends \$47 million annually on local goods and services and produces \$1.2 million in new taxes," said Elliott.

ICGA was joined at the press conference by the studies' authors, Ross Korves, economic policy analyst at ProExporter Network, and Dr. Steffen Mueller, principal research economist at the University of Illinois at Chicago's Energy Resources Center.

Mueller's study centered on a single ethanol plant, the Illinois River Energy facility near Rochelle, Illinois which produces 55 million gallons of ethanol annually.

"We looked at the global warming and land use impact of corn ethanol pro-

duced at the Illinois River Energy ethanol plant – which is a modern, natural gas fueled facility – on a full life-cycle basis," said Mueller. "We found conclusively that the global warming impact of the modern ethanol plant is 40 percent lower than gasoline. This is a sizable reduction from numbers currently being used by public agencies and in the public debate. The study also documents the significant net energy benefits of ethanol when compared to gasoline.

JIM PARKIN | DREAMSTIME



According to recent studies, ethanol's carbon footprint may beat that of gas.

And, additional opportunities exist to expand that margin even more through technological improvements and on farm changes in corn production that reduce green house gas emissions. Furthermore, corn supply for the ethanol plant was primarily met through yield

increases in the surrounding area and, as documented with satellite imagery, without conversion of non agricultural land to corn."

The Korves study, broader in scope, analyzed the consequences of a technology-driven revolution that is occurring throughout America agriculture which would see average corn production increase from 155 bushels an acre today to 289 bushels over the next two decades. The study suggests that sufficient amounts of corn will be available to increase ethanol production from the current level of 7.1 billion gallons last year to 33 billion gallons by 2030 with current technology. The study also factors in increased future demand for corn from both export and livestock (feed) sectors. Korves also looked at the environmental impact of ethanol production, predicting that the global warming impact (GWI) of the average ethanol plant would decline dramatically through increased efficiencies in coming years.

"The GWI of the average ethanol plant is expected to decline 27 percent by 2030," said Korves. "By that year, the GWI of corn ethanol processed in a plant using a biomass combined heat and power system will be less than one-third of the GWI of gasoline."

The ICGA reported that at this level of reduction, corn to ethanol could be categorized as an advanced biofuel based on the performance requirements in the Energy Independence and Security Act of 2007.

## Allied Waste reports results

Allied Waste Industries, Inc., the nation's second largest waste services company, reported financial results for its third quarter ended September 30, 2008. For the quarter, income from continuing operations increased 68 percent to \$112.5 million, or \$0.26 per share, including \$0.02 per share associated with merger-related costs. Prior year income from continuing operations was \$66.9 million, or \$0.15 per share. Prior year earnings include loss on divestiture, impairment and debt refinancing costs of \$0.09 per share. On an adjusted basis, 2008 third quarter earnings were \$0.28 per share, an increase of 17 percent over prior earnings of \$0.24 per share.

Total revenue for the third quarter was a record \$1.61 billion, an increase of \$50 million, or 3.2 percent, over \$1.56 billion in the third quarter 2007. Higher revenue for the quarter benefited from a 7.6 percent increase in average price, of which 370 basis points were associated with the company's fuel recovery fee, partially offset by a 4.4 percent decrease in volumes. Lower volumes for the quarter primarily reflect the impact of United States economic conditions.

Third quarter operating income before depreciation and amortization, loss from divestitures and asset impairments,

or EBITDA, inclusive of \$12.5 million of merger-related costs, increased 4.4 percent to \$452.1 million, compared with \$433.1 million last year. Reported EBITDA for the quarter as a percentage of revenue increased 20 basis points to 28.1 percent, compared with 27.9 percent for the same period last year. Merger-related costs reduced EBITDA as a percentage of revenue for the quarter by 0.8 percent.

For the third quarter, operating costs as a percentage of revenue dropped 60 basis points as the company continued to benefit from strong pricing, combined with a number of internal initiatives to lower expenses and to drive greater efficiencies throughout its operations. EBITDA margins for the quarter also reflect the positive impact of company actions to reduce SG&A expenses, which declined as a percentage of revenue to 9.7 percent from 10.1 percent last year.

Cash flow from operations in the third quarter 2008 was \$281.3 million, compared with \$284.2 million in the comparable quarter last year. Free cash flow for the third quarter was \$144.7 million, compared with prior year free cash flow of \$168.8 million reflecting slightly higher capital expenditures in the third quarter of 2008.

## Di-vert to cut office waste

Robinsons, a London business moving company, has launched Di-vert, Britain's first fully-audited office furniture waste recycling service. The service is designed to minimize the environmental impact of organizations moving locations.

Companies using the Di-vert service will have their unwanted office furniture either reused or recycled, ensuring none of the waste ends up in a landfill. Di-vert ensures furniture is reconditioned, reused or recycled for use back into the manufacturing process.

Alternatively, pulped materials are used in a variety of growing markets, such as animal bedding. Additionally, a full audit trail is provided, which guarantees that the whole process of getting rid of waste products is entirely transparent.

Anthony Robinson, managing director of Robinsons International, said, "It is estimated that the UK sends over [550,000 tons] of furniture to landfill every year – with a big part of this coming from office moves or relocations. Our new service has been launched to highlight this issue and make sure it is firmly on people's agenda and Britain's waste office furniture is fully accounted for."

# VeraSun Energy files Chapter 11 due to lack of liquidity

VeraSun Energy Corporation, one of the nation's largest ethanol producers, has disclosed that the company and 24 of its subsidiaries have filed voluntary petitions for relief under Chapter 11 of the United States Bankruptcy Code to enhance liquidity while they reorganize.

The filing was precipitated by a series of events that led to a contraction in VeraSun's liquidity, impairing its ability to operate its business and invest in production facilities. The company suffered significant losses in the third quarter of 2008 from a dramatic spike in its corn costs, reflecting in part costs attributable to its corn procurement and hedging arrangements, and historically unfavorable margins. Beginning in the third quarter, worsening capital market conditions and a tightening of trade credit resulted in severe constraints on the company's liquidity position. Faced with these constraints, VeraSun and 24 of its subsidiaries filed their chapter 11 petitions to facilitate access to additional liquidity while they reorganize.

During the Chapter 11 proceedings, VeraSun plans to resume normal operations. The company has taken steps to ensure continued supply of product to its customers and to fulfill all customer obligations. In that regard, VeraSun is working closely with its lenders and expects to reach an agreement before the first day hearing for additional committed financing to provide adequate liquidity to fund operations in the normal course.

The company expects that it will not scale back its purchases of raw materials and corn, and that other suppliers will continue to be paid in full for all goods and services furnished after the filing date as required by the Bankruptcy Code.

VeraSun also requested the bankruptcy court's approval to continue to pay employees in the ordinary course without interruption.

VeraSun has received commitments for up to \$215 million in debtor in possession (DIP) financing from certain

holders of VeraSun's 9 7/8 percent senior secured notes due 2012 and groups of lenders led by AgStar Financial Services. As a result, the United States Bankruptcy Court entered an interim order allowing VeraSun and its affiliates to borrow up to \$40 million from these DIP facilities and authorized the use of cash collateral to enable VeraSun to operate its business. VeraSun is also in negotiations with its other lenders and expects to receive, when combined with commitments received from the 2012 noteholders and AgStar lenders, aggregate DIP financing commitments totaling \$250 million.

Judge Brendan L. Shannon of the Bankruptcy Court, District of Delaware in Wilmington also granted VeraSun's emergency request to pay outstanding employee checks, to pay suppliers for postpetition goods and services and up to \$20 million for goods delivered on or after October 11, 2008, and for other emergency relief.

## UOP to develop second-gen biofeedstock technology

UOP, LLC, has disclosed that it was awarded a \$1.5 million grant from the United States Department of Energy (DOE) to develop economically viable technology to stabilize pyrolysis oil from second generation biomass feedstocks for use as a renewable fuel source.

*Pyrolysis oil is a greenhouse-gas-neutral, renewable resource that is produced when biomass is heated in the absence of oxygen.*

Biomass pyrolysis oil is made from second-generation feedstocks like the residuals from agricultural and forestry industries or wood-based construction and demolition materials. The oil can be combusted in industrial burners and furnaces for power and heating or further refined into transportation fuels such as gasoline, diesel and jet fuel. However,

the oil is corrosive and unstable, making it difficult to store and transport.

UOP and its partners, using funding from the DOE's National Biofuels Action Plan, will work to modify the composition of biomass pyrolysis oil to solve those issues.

"The development of second-generation biofeedstock conversion technology is critical for biofuels to support our growing energy needs," said Jennifer Holmgren, general manager for UOP's Renewable Energy and Chemicals business. "Finding a cost-effective solution will ensure that pyrolysis oil is a viable renewable source for power and transportation fuels."

UOP will work with Ensyn Corp., the National Renewable Energy Laboratory, the Pacific Northwest National Laboratory, Pall Corp. and the Crop Conversion Science and Engineering Research Unit of the U.S. Department of Agriculture's Agriculture Research Service on the project. It is expected to

be completed by the end of 2010.

Biomass pyrolysis oil is a greenhouse-gas-neutral, renewable resource that is produced when biomass is rapidly heated in the absence of oxygen. The oil is acidic and its viscosity increases over time, making the substance unstable, which limits storage and transportation options, as well as its compatibility with some industrial equipment.

UOP has formed a joint venture with Ensyn to offer technology and equipment to convert second generation biomass like residuals from the agricultural and forestry sector as well as woody-based construction and demolition materials into pyrolysis oil for power generation and heating fuel. The joint venture will also accelerate research and development efforts to commercialize next-generation technology to refine the bio-oil into transport fuels such as green gasoline, green diesel and green jet fuel.

## London waste stats released

London's Department for Environment, Food and Rural Affairs (Defra) has published estimates from the department's 2007/08 survey of municipal waste. These estimates are based on data submitted by all local authorities to WasteDataFlow. The figures for financial year 2007/08 show a further increase in recycling, a decrease in total municipal waste and a decrease in the amount sent to landfill.

This data replaces the provisional estimates published for the first three quarters of 2007/08 in February, May and August.

The total amount of collected municipal waste has decreased by 660,000 tons to an estimated 31.4 million tons in England in 2007/08 compared to 32 million tons in 2006/07, a decrease of 2.2 percent. The average annual change in municipal waste over the five years to 2007/08 was a decrease of 0.6 percent.

In total, 45.1 percent (14.2 million tons) of municipal waste had some sort of value (recycling, composting, energy from waste and fuel manufacture) recovered from it in 2007/08, a rise from 41.8 percent (13.5 million tons) in 2006/07.

The proportion of municipal waste being recycled or composted increased from 30.6 percent in 2006/07 to 34.0 percent in 2007/08. The proportion of waste incinerated with energy recovery remained the same between 2006/07 and 2007/08 at 11 percent.

The proportion of municipal waste being disposed of in landfill has continued to decrease from 57.9 percent in 2006/07 to 54.4 percent in 2007/08.

The tonnage of municipal waste disposed of in landfill has also decreased again from 18.6 million tons in 2006/07 to 17.1 million tons in 2007/08.

In 2007/08, household sources accounted for 88.7 percent of municipal waste, 27.9 million tons, which equates to 1,100 lbs. of household waste per person, of which 377 lbs. was recycled.

The amount of waste collected from household sources decreased by 1.9 percent in 2007/08, and from 28.4 million tons in 2006/07 to 27.9 million tons in 2007/08. The average annual change in total household waste over the last five years is a decrease of 0.4 percent.

The proportion of household waste recycled (including composting and reuse) has continued to increase, rising from 30.9 percent in 2006/07 to 34.5 percent in 2007/08. This increase in the national recycling rate of 3.6 percentage points is slightly lower than the increase of 4.2 percentage points observed for the last two years.

In absolute terms the amount of household waste sent for recycling or composting has increased by 10 percent, from 8.8 million tons in 2006/07 to 9.6 million tons in 2007/08.

The amount of household waste not re-used, recycled or composted was 18.3 million tons, a decrease of 7.0 percent from 2006/07. This equates to 714 lbs. per person, or 1,620 lbs. per household, of collected residual household waste.

## Lockheed settles hazardous waste violations

The Environmental Protection Agency (EPA) has settled hazardous waste violations at a Manassas, Virginia facility with BAE Systems IESL, Inc. and Lockheed Martin Corporation. Lockheed Martin, headquartered in Nashua, New Hampshire, leases space at its Manassas location, to BAE.

The companies were cited by EPA for violating the Resource Conservation and Recovery Act (RCRA), the federal law governing the treatment, storage and disposal of hazardous waste. RCRA is designed to protect public health and the environment, and avoid costly clean ups, by requiring the safe, environmentally

sound storage and disposal of hazardous waste.

Following a May 2006 compliance evaluation inspection at the facility, the following violations requiring remediation were identified:

- Operation of a hazardous waste storage facility without a permit;
- Failure to comply with standard facility contingency plan requirement guidelines;
- Failure to comply with new tank system design and installation requirements;
- Failure to comply with tank system inspection requirements;

- Failure to comply with air emission standards equipment marking requirements;

- Failure to comply with air emission standard equipment monitoring, test method, record keeping and emission requirements.

Both companies cooperated with EPA during the investigation and have certified that they are now in compliance with all relevant provisions of RCRA. The settlement requires the companies to pay a civil penalty of \$325,000. As part of the settlement, the companies have neither admitted nor denied liability for the alleged violations.

**17th Annual Conference & Tradeshow**Westin Galleria | Houston, TX  
January 26–29, 2009

## JOIN US FOR THE LARGEST CONFERENCE & EXHIBITION IN NORTH AMERICA FOR THE COMPOSTING, WOOD WASTE & ORGANICS RECYCLING INDUSTRY

11 Training Courses, more than 100 Educational & Technical Presentations, 100+ Exhibitors, and Facility Tours & “Live” Equipment Demonstrations from 20+ Manufacturers

View the entire conference program at [www.compostingcouncil.org](http://www.compostingcouncil.org)

Monday, January 26

**PRE-CONFERENCE TRAINING COURSES & WORKSHOPS**  
Learn from the Experts!

To review new offerings, visit the uscc website  
[www.compostingcouncil.org](http://www.compostingcouncil.org)

USCC “Foundations of Compost” Training Course ■ Health & Safety Training for Compost Facility Personnel ■ Odor Management & Odor Control for Windrow Composting ■ Taking Composting to the Next Level: Using Forced Aeration for Food Wastes, Manures and Other Organics ■ Tracking Your Carbon Footprint: A Primer to Understanding and Inventorying Greenhouse Gas Emissions ■ Compost Marketers Toolkit ■ How to Use Compost: Fruit, Vegetables, Ornamentals, Golf Courses, Landscaping, Forestry, Diseases Suppression and Organic Agriculture ■ How to Develop a Successful Organics Diversion Program ■ Understanding Your Compost Product for Better Utilization and Marketing ■ Green Roof Infrastructure: Plants and Growing Medium 401 ■ Green Roofs for Healthy Cities “Green Roof Design 101” Training Course

Tuesday, Jan 27–Wednesday, Jan 28

**CONFERENCE SESSION TOPICS**  
More than 100 technical and educational presentations!  
View the conference program at: [compostingcouncil.org](http://compostingcouncil.org)

Food Residuals Collection and Composting  
Trends in Animal Mortality Composting  
Composting Grease Trap Waste & Other By-products  
Commercial & Residential Food Waste Collection Programs  
Using Forced Aeration for Food Wastes, Manures & Other Organics

Organics and Climate Change  
Greenhouse Gas Emissions, Carbon Credits, Composting & Organics  
Organics Diversion and Reducing Greenhouse Gas Emissions  
Tracking Your Carbon Footprint: A Primer to Understanding and Inventorying Greenhouse Gas Emissions

Best Management Practices for Compost Facility Management  
Fire Prevention, Causes, Recognition and Control at Composting Facilities  
Improving Composting Process Design and Performance  
Health and Safety for Compost Facility Personnel  
Equipment Operation and Preventative Safety Maintenance

Emergency Preparedness Planning  
Odor Control and Odor Management  
Emissions Monitoring and Evaluation  
Air Quality and Environmental Impact

Renewable Energy & Energy from Organics  
Opportunities in the Biomass Market  
In-Vessel Systems and Case Studies  
Anaerobic Digestion & Alternative Waste Treatment Technologies

The Business of Successful Composting  
How to Develop a Successful Organics Diversion Program  
Strategies in Compost Marketing  
Compost Marketers Toolkit  
Innovative Applications for Compost Use  
Selling the Benefits and Applications of Compost  
Seeking out new and diverse opportunities in the organics sector

Compost use in Stormwater Management,  
Improving Water Quality & Bioremediation  
Compost use in Sustainable Landscapes  
Compost Characteristics and Quality

Experience with Biodegradable/Compostable Plastics  
Issues with the Widespread use of Compostable Plastics

The Role of Composting in Waste Management & Sustainable Agriculture  
Critical Issues in Advancing Composting & Organics Recycling  
Development of Model State Composting Regulations

Research and Academic Track

**NETWORKING & OTHER OPPORTUNITIES | January 27–29**

Meet with Equipment Vendors and Service Providers at the Largest Industry Trade Show in North America ■ Exhibitor’s Reception ■ Awards Luncheon ■ Zero Waste Banquet ■ Compost Showcase—Learn about Branding & Product Marketing ■ The “Experts Corner”: schedule one-on-one problem-solving meetings with leading experts ■ “Live” Equipment Demonstrations & Facility Tours ■ USCC/SWANA Certification Exam for Manager of Compost Programs ■ Raffles of \$5,000 worth of USCC Publications & more . . .

Go to [www.compostingcouncil.org](http://www.compostingcouncil.org) or call the USCC at 631.737.4931

**REGISTER TODAY!**

→ Exhibitor information, sponsorship opportunities, conference registration forms, conference program & workshop agendas are available at the USCC website or call the number above.

**CURRENT CONFERENCE SPONSORS**

Vermeer Corporation / McCloskey International / BASF / Roto-Mix / Heritage Bag / New Earth Compost/ Living Earth Technology (LETCO) / Gore Cover Systems / BIOgroupUSA (BioBag) / A1 Organics / Scarab Manufacturing & Leasing / American Recycler / Cedar Grove Composting / REOTEMP Instruments / Midwest Bio-Systems / City of Houston / St. Louis Composting / Amadas Industries / NCM Odor Control / WeCare Organics / Mirel Metabolix / ALLU Group / MSW Management Magazine / Synagro / Waste Handling & Equipment News (WHEN) / The Biodegradable Products Institute / Environmental Credit Corporation / Resource Recycling Magazine / Portable Plants & Equipment / The Coca Cola Company / Composting News / Green Roofs for Healthy Cities / Forest Products Equipment / Recycling Product News / Soil & Mulch Producer News / Filtrix International / Kessler Consulting / Garick Corp.

**US Composting Council**

1 Comac Loop, Suite 14B1 | Ronkonkoma, NY 11779  
T 631.737.4931 | F 631.737.4939 | [uscc@compostingcouncil.org](mailto:uscc@compostingcouncil.org)

## Business owner sentenced in hazardous waste case

The United States Environmental Protection Agency (EPA) announced that Moshe Rubashkin of Brooklyn, New York, has been sentenced to 16 months in prison for illegally storing hazardous waste at a textile factory in Allentown.

Moshe Rubashkin plead guilty to the charge last February. His son, Sholom, also of Brooklyn, plead guilty on January 7, 2008, to one count of making a materially false statement to the EPA, and is awaiting sentencing.

The convictions stem from the defendants’ ownership and operation of Montex Textiles, a textile dyeing, bleaching and weaving business formerly located in Allentown, Pennsylvania. When the business ceased operations in 2001, numerous containers of hazardous waste were stored at the site without the necessary environmental permits. After local authorities responded to two fires that occurred at the site, EPA and the city of Allentown initiated a major clean up of the property in October 2005, including disposal of numerous contain-

ers of hazardous waste and hazardous substances.

“These defendants demonstrated an utter disregard for the safety of the community surrounding their Allentown business,” said acting United States Attorney Laurie Magid. “It is only proper that they should have to bear the cost of cleaning up the site and serve a term of imprisonment.”

In addition to the prison term, Rubashkin was ordered to jointly pay restitution with his son, Sholom, in the amount of \$450,000. Sholom Rubashkin’s sentencing has been continued until December 29, 2008. United States District Court Judge James Knoll Gardner also ordered Moshe Rubashkin to pay a \$7,500 fine. This case was investigated by the United States EPA’s Criminal Investigation Division and Office of Inspector General. It was prosecuted by Assistant United States Attorney Michelle Morgan-Kelly and Special Assistant United States Attorney Joseph Lisa.

## Algae alternative

Continued from Page 1

“There is more than just oil price now. I think everyone realizes that we are either at or soon will be at peak oil. We’ve already gotten all of the easy oil,” Darzins said.

“Plus with higher competition for energy from emerging countries like India and China, we think that ultimately the price of oil is going to have to go back up. I think with the other drivers, energy security and greenhouse abatement, the program is pretty safe.”

Over the last couple of years, the NREL decided to start researching algae oil again. According to Darzins, the research agency has about \$1.5 million in internal funding for the algae biofuel program. The NREL also has started a program with Chevron Corp.

The San Ramon, California-based oil company entered into a collaborative research and development program last year to study and advance technology to produce liquid transportation fuels using algae. The agreement is set to last for five years.

Darzins said algae is a promising potential feedstock for third-generation biofuels because certain species contain high amounts of oil, which could be extracted, processed and refined into transportation fuels using currently available technology. Other benefits of using algae as a potential feedstock are their abundance and fast growth rates.

Algae have anywhere from 10 to 100 times oil yield benefit over oil seed crops, Darzins said. Soybeans, for example, produce about 48 gallons per acre per year. Algae, with the current state of technology, could produce about 1,000 gallons per acre per year, he said. “We

think with additional research, with improvements in both engineering and the organisms as well, you may get up to 5,000 gallon an acre per year,” Darzins said.

Darzins estimates that in the last two years more than 100 small companies have started researching algae oil. But even with a strong interest, he estimates that the commercialization of algae oil is anywhere from 5 to 10 years in the future.

In addition to more money for research, he said there are technical barriers that need to be overcome. There are currently two ways to cultivate algae, for example, either in open ponds or what is known as closed bioreactors. “There is a huge debate about which is the best cultivation program. Each has disadvantages and advantages,” he said.

Open air ponds are cheaper. With the capital costs currently associated with algae oil, Darzins estimates that algae fuel is in the neighborhood of \$9 to \$18 a gallon. If a closed bioreactor is used, he estimates the price would double to \$18 to \$36 a gallon.

Despite the costs, venture capitalists are starting to put money into algae research. For example, a company out of California received \$100 million in financing this fall. San Diego-based Sapphire Energy said it is now financed to scale up its production facilities. It anticipates relying on existing investors to achieve its initial commercial production capability of 10,000 barrels per day within the next three to five years.

Despite the varying time estimates for commercialization, Darzins said the NREL is very bullish on algae oil. But he advises to keep the developments in perspective. “There are a lot of challenges ahead and I think that we are still years away,” he said.

*There is always something to be thankful for. If you can't pay your bills, you can be thankful you are not one of your creditors.*

# Pennsylvania offers incentives for advances in biofuel technologies

Applications were made available in Pennsylvania for a statewide program designed to accelerate the production and use of homegrown biofuels and reduce Pennsylvania's dependence on foreign oil.

In July, Governor Edward G. Rendell signed legislation to encourage the development of biofuels by establishing requirements that every gallon of gasoline and diesel fuel contain ethanol and biodiesel. The Biofuel Development and In-State Production Act requires that every gallon of gasoline and diesel fuel sold will include increasing percentages of biofuels – a maximum of 20 percent biodiesel for diesel fuel and 10 percent ethanol for gasoline – as in-state production reaches certain benchmarks.

Under the act, the Alternative Fuels Incentive Grant Program will award \$.75

per gallon to eligible applicants, with no single producer to receive more than \$1.9 million annually. Up to \$5.3 million annually will be available under the program through fiscal year 2010-2011.

To be eligible for the monthly alternative fuels production incentives, applicants must produce and sell 25,000 gallons or more per month of qualified biomass-based diesel in Pennsylvania for transportation or home heating purposes.

Production incentive applications are now available from the DEP and will initially cover reimbursement requests for biodiesel produced and sold in Pennsylvania from July 1 through September 30. Applications were due by November 14.

Once applications are accepted for the initial period, DEP will begin accepting applications for reimbursement on a

monthly basis. Requests shall be submitted for the previous month's production and must be postmarked or received by the last day of the month.

In addition to the new law, the Governor also signed two bills that will invest up to \$665.9 million to spur alternative and renewable energy development and help customers and small businesses reduce their electricity consumption and save money. These investments are expected to spur as much as \$3.5 billion in new, private economic development projects from alternative energy companies and create at least 10,000 good-paying jobs in a rapidly growing industry.

For more information, or to download guidance and instructions, visit [www.depweb.state.pa.us](http://www.depweb.state.pa.us).

# Record quarterly earnings reported at WCA Waste

WCA Waste Corporation announced financial results for the third quarter ended September 30, 2008. For the quarter ended September 30, 2008, revenue increased 9.0 percent to \$52.8 million compared to the \$48.4 million for the same period last year. Operating income for the quarter was \$7.0 million, as compared to \$8.1 million for the comparable quarter last year. The margin decline is principally a result of increased fuel expense reducing margins by 3.1 percent of revenue. Including the negative impact of the interest rate swap, net income available to common stockholders was \$(0.3) million, or \$(0.02) per share, for the three months ended September 30, 2008. Adjusted for the impact of the interest rate swap, net income available to common stockholders was \$0.3 million, or \$0.02 per share, for the three months ended September 30, 2008.

For the nine months ended September 30, 2008, revenue increased 14.1 percent to \$154.4 million compared to the \$135.2 million for the same period last year. Operating income was \$18.6 million for the nine months ended September 30, 2008 compared to \$20.8 million for the nine months ended September 30, 2007. The margin decline is principally a result of increased fuel expense reducing margins by 3.2 percent of revenue. Under their previously disclosed stock repurchase program, the Company has purchased 891,347 shares of its common stock during 2008, through October 28, 2008.

# Republic Services reports third quarter earnings

Republic Services, Inc. reported that revenue in the third quarter of 2008 increased 3.4 percent to \$834.0 million from \$806.2 million for the same period in 2007. Net income for the three months ended September 30, 2008 was \$88.7 million, or \$0.48 per diluted share, versus net income of \$67.0 million, or \$0.35 per diluted share, for the comparable period last year. The company's income before income taxes for the three months ended September 30, 2008 included \$3.2 million of pre-tax integration costs (\$2.0 million,

or \$0.01 per diluted share, net of tax) associated with the company's proposed merger with Allied Waste Industries, Inc.

Operating income for the three months ended September 30, 2008 was \$167.0 million, or 20.0 percent of revenue, compared to operating income of \$128.3 million for the same period last year. Excluding the \$3.2 million of pre-tax integration costs associated with the company's proposed merger with Allied Waste, operating income for the three months ended September 30, 2008 would have

been \$170.2 million, or 20.4 percent of revenue.

James E. O'Connor, chairman and chief executive officer of Republic Services, Inc., said, "While we continue to experience a reduction in volume related to the overall economy, I am pleased that pricing during the third quarter was consistent with prior quarters. As with previous economic slowdowns, our field organization continues to adjust resources and equipment to maintain productivity and control operating costs."

# WE'VE GOT CRUSHERS!

**ALL FACTORY RECONDITIONED  
6 MONTH STRUCTURAL AND 90 DAY PARTS WARRANTIES!**



- 1 - 1990 E-Z A+ CRUSHER WITH NEW CUMMINS! \$60,000**
- 1 - 2000 E-Z A+ CRUSHER \$75,000**
- 2 - 2005 E-Z A+ CRUSHERS \$120,000 EACH**

**DADE**  
Capital Corp.  
cDc

**800-823-9688**  
**DADECapital.com**  
Perrysburg, OH

## Republic Services settles merger-related suits

Republic Services, Inc. announced that Republic, the individual members of Republic's board of directors and Allied Waste Industries, Inc. have agreed in principle with the shareholder plaintiffs to settle the purported class action lawsuits filed in Delaware and Florida relating to the pending merger between Republic and Allied.

Under the terms of the proposed settlement, the claims of the named plaintiffs and the proposed class of public shareholders will be dismissed with prejudice, and the defendants will be released from all claims related to the merger transaction, the merger agreement, Republic's rejections of unsolicited proposals from Waste Management, Inc. and any public statements made in connection therewith. Finalization of the proposed settlement remains subject to several conditions, including court approval and notice to the shareholder class.

## 28,000 acres secured for wind energy

Consumers Energy has secured more than 28,000 acres of easements in Michigan for potential wind generation development and is starting the process of testing sites.

Construction started today on four meteorological towers in Mason County and three towers in Tuscola County. Construction of the towers, which are about 180 feet tall, is expected to be completed by the end of the year. In addition to the seven towers being constructed, Consumers Energy also will be refurbishing two existing Mason County towers it has purchased.

"The purpose of the meteorological towers is to collect wind data over a two-year period. We'll be measuring wind speed, wind direction and air temperature to determine if the sites are suitable for wind turbine generators and the best location for them," said George Hass, executive director of new generation for Consumers Energy.

Construction of the meteorological towers is part of Consumers Energy's Growing Forward strategy, which calls for investing more than \$6 billion in Michigan, including investments in energy efficiency, renewable energy, environmental and customer service enhancements, and new power generation.

Comprehensive energy reform legislation signed into law October 6 by Governor Jennifer Granholm includes a renewable portfolio standard. That standard requires Consumers Energy and other utilities to provide 10 percent of their electric supplies from renewable energy by 2015. Approximately five percent of Consumers Energy's electric supply is from renewable energy sources.

Consumers Energy, the principal subsidiary of CMS Energy, provides natural gas and electricity to nearly 6.5 million of Michigan's 10 million residents in all 68 Lower Peninsula counties.

## Trash truck and over 1,000 tires buried in Ohio

Sheriff's deputies and investigators from the Ohio EPA have found a fully loaded trash truck and over 1,000 tires buried at a former salvage yard at 1888 East 17th Avenue in Columbus, Ohio. The investigators were responding to a tip to Solid Waste Authority of Central Ohio (SWACO's) "nailadumper.com" website. The tipster claimed that two trash trucks loaded with trash, numerous tires and automotive related fluids were buried at the site several years ago. The business on the site has been for closed several months.

A search warrant was served on the property and equipment from the Ohio EPA was immediately delivered to the site to begin digging where one trash truck and the tires were found.

Investigators say possible charges include "open dumping" and "operating a landfill without a permit." No charges have been filed and no one has been arrested in the case.

The "Nail-A-Dumper" program is funded by SWACO. The team includes Deputies from the Franklin County Sheriff's Department, a prosecutor from the Franklin County Prosecutor's office, representatives from the Franklin County Health Department and an employee of the Columbus refuse division.

## Phoenix Resources fined for waste transportation violations

Phoenix Resources, Inc. was fined \$44,000 by the Department of Environmental Protection for accepting construction and demolition waste at its Duncan Township, Tioga County, landfill from a waste hauler that was missing a valid authorization sticker on his vehicle.

The Pennsylvania's Waste and Transportation Act, or Act 90, requires waste haulers to obtain authorization from DEP to transport trash in Pennsylvania. Haulers must display a valid authorization sticker on vehicles to help ensure that waste is being moved in a way that protects public safety and the environment.

"On May 14, the department conducted an unannounced inspection at the landfill operated by Phoenix Resources and found a waste hauler to be in violation of the Act 90 regulation, leading to an investigation at the facility," said DEP regional director Robert Yowell.

DEP determined that the landfill had accepted waste from the same vehicle on 22 separate occasions. Act 90 requires that a mandatory penalty of \$2,000 be assessed to a waste disposal facility each time it accepts waste from a vehicle that does not have the valid Act 90 authorization sticker.

*People are never too busy to tell you all that they have to do.*

## MONTHLY CROSSWORD

BY Myles Mellor

### ACROSS

1. A facility that only accepts certain types of household hazardous waste, for short
4. CRV part
7. \_\_\_ grade paper, relatively valuable paper
10. Waterway
12. Santa Fe state
14. Turn down
15. Paid announcements
16. Siesta
18. NY railway
19. Letters of distress
21. \_\_\_ stream, total amount of garbage produced by a community
23. Attempt
25. Texas hold'\_\_\_
27. Author, \_\_\_ Lawrence
29. Alien flier
30. "America Recycles Day" month
33. Ferrous \_\_\_, iron and steel
36. Act passed in 1976 that required that new landfills be built with safeguards to reduce the potential of pollution, abbr.
37. Attic access
39. Mawkish
42. Musical scale note
44. Golden state
45. \_\_\_phalt, highway paving material that uses recovered crushed glass
47. Lexus \_\_\_
48. Greensboro location
50. Mystery TV channel letters
51. Light dinner options
53. \_\_\_cycle, to reduce waste at the source by changing buying habits
54. Heroic story
57. Aka computer paper
58. Characterized by, suffix
60. \_\_\_ goods, bulky household items that are difficult to recycle
62. Re-\_\_\_ (recycle)
63. Touring vehicle
64. Recede
65. Fell behind
69. Compass direction
70. Type of plastic resin used for soft drink bottles
71. Crushed glass
72. From a distance

### DOWN

1. Waste \_\_\_, the process of identifying types and quantities of items in the waste stream
2. Aka cardboard
3. Compact cube of recycled material

SOLUTION IS FOUND ON PAGE B7

1		2	3		4	5		6		7	8		9
		10		11				12	13				
14								15			16	17	
			18		19	20			21	22			
23	24			25	26		27						
			28		29				30		31		32
33		34		35		36							
		37				38			39	40		41	
42	43				44			45	46			47	
		48	49					50					
51					52		53			54	55		56
57					58	59		60		61			
				62								63	
		64				65	66		67		68		69
70				71							72		

4. Enclosed vehicle
5. Pub purchases
6. \_\_\_ user, an industrial plant where recyclables are used as feedstock for the manufacture of new products
8. Negative and positive follower
9. Recyclable plastic used in milk jugs and detergent bottles
11. Cairo river
13. Trash from homes and businesses
15. Residue left after something is burned
17. Dined
20. Landfill aromas
22. Days past
24. Feel bad about
26. Art of sound
28. Diversion \_\_\_, a measure of the amount of waste being diverted from the municipal solid waste stream
30. Space group
31. Big shot
32. Routes
33. A recycling operation that sorts the materials by type
34. Poet, Eliot
35. Hollywood's home
38. Sewer mammal
40. Out of line
41. Winkle or scope?
43. Now, now, now!
45. Discarded materials that are not recovered
46. Ogle at
49. Clothes area
51. Commercial \_\_\_, recyclables that result from business sources
52. Lisa to Bart
55. Promissory note, for short
56. \_\_\_ material, the soil used to cover solid waste in a landfill
59. Area in a landfill where solid waste is disposed of each day
61. Lyrical poem
62. Aluminum containers
63. Cousin to DNA
66. Crimson Tide state
67. Ford model
68. Leonardo \_\_\_ Vinci

# New Pennsylvania program seeks to prevent illegal dumps

Pennsylvania's acting environmental protection secretary John Hanger is reminding communities and nonprofits that there is still time to apply for grants that provide the tools and resources they need to restore illegal dump sites and prevent future dumping.

The deadline to apply for Pennsylvania's new Illegal Dump Cleanup grants is December 19. Grant applications will be made available at [www.depweb.state.pa.us](http://www.depweb.state.pa.us), keyword: Illegal Dumping.

Pennsylvania is investing \$500,000 in the Illegal Dump Cleanup Grant program for communities and nonprofit groups. The program will focus on cleaning up illegal dumps, restoring sites, beautification projects, and surveil-

lance efforts at existing and remediated dump sites. The grants will also support enforcement of littering and illegal dumping ordinances, as well as public awareness and education outreach to inform local citizens about illegal dumping, littering and clean up activities.

Grants of up to \$25,000 will be awarded with a match of at least 50 percent of the grant amount required by the grantee.

The grants are available on a competitive basis to any existing local government or incorporated nonprofit organization located in Pennsylvania. An applicant cannot, in any way, be responsible for creating any illegal dump located in Pennsylvania.

# DEQ completes Santosh landfill cap

The Oregon Department of Environmental Quality (DEQ) has completed the installation of a new state of the art landfill cap at Santosh Landfill. The impermeable cap prevents precipitation from coming into contact with the waste, and reduces the risk of groundwater contamination. The 15-acre landfill accepted waste from 1970 to 1983.

This year's construction involved regrading the landfill with about 43,000 tons of imported soil to promote drainage. The impermeable cap is a geocomposite clay liner, consisting of a layer of processed clay sandwiched between two layers of geotextile fabric. The landfill improvements also include a landfill gas venting system and a storm water collection system. The site was covered with 48,000 tons of topsoil and seeded with native grasses. Soil and rock for the proj-

ect were obtained from the nearby Glacier Northwest facility, which minimized related truck traffic.

The \$3.5 million dollar project was funded by the Solid Waste Orphan Account.

The DEQ has monitored environmental conditions at the site since 2004, when contaminated water was observed leaching out of the south side of the landfill. This portion of the landfill was regraded and capped in the fall of 2007 to eliminate the most obvious leachate seeps. A small strip of wetland adjacent to the landfill was covered as a result of this construction. To compensate for this, DEQ constructed and fenced an enhanced wetland area nearby. About 700 native trees, shrubs and ground cover species were planted in the enhanced wetland area.

# Sugarcane to produce ethanol

Archer Daniels Midland Company (ADM) and Grupo Cabrera plan to form a joint venture to produce ethanol from sugarcane. The partnership will bring together ADM's expertise in ethanol production, logistics and marketing with Cabrera's extensive knowledge of sugarcane agriculture and production.

The joint venture will construct two processing complexes, each consisting

of a sugarcane plantation, a sugar mill, an ethanol distillery and a biomass-powered cogeneration facility to provide power and steam. The complexes will be located in Limeira Do Oeste in the state of Minas Gerais, and Jatai in Goias. Upon completion, each mill will have crush capacity of three million metric tons annually.

# Louisiana Container Company



We offer a wide selection of container configurations for the following industries:

**Construction and Demolition  
Recycling  
Waste**

[www.louisianacontainer.com](http://www.louisianacontainer.com)  
T: 800.973.LCCI F: 318.487.0068

# WASTE Classifieds

**To Place Your Ad**  
Call 877-777-0737 Fax 419-931-0740  
Visit [AmericanRecycler.com](http://AmericanRecycler.com)

**Rates**  
Text Classifieds \$60 for up to 50 words. Add \$1 additional word.  
Display Classifieds \$65 per inch.

WE ACCEPT CHECKS, MONEY ORDERS, MASTERCARD, VISA and DISCOVER. ALL CLASSIFIED ADVERTISEMENTS MUST BE PAID IN ADVANCE.

## Businesses

**GREAT BUSINESS OPPORTUNITY.** Ongoing scrap business for lease, approx. 4 acres with 75 ft. scale, office and approx. 5,000 sq. ft. building. Located off of I-85 on Hwy. 29 North in Belton, SC. Call 864-226-7076 or 864-844-2161.

## Miscellaneous

### QUALITY EQUIPMENT

Call Shaughnessy **NEW USED** 800-549-0490  
[CallShaughnessy.com](http://CallShaughnessy.com)

### EQUIPMENT FOR SALE

Late model Auto Shredding System complete from infeed conveyor to fines line, many brand new components, Call for details

Used Al-jon Model 9, upgraded to a Model 20, \$22,500

Factory Rebuilt Barclay RotoShred Primary Tire Shredder, \$165,000

2008 Overbuilt High Speed car crusher, \$154,000.00

2005 Model A+ E-Z Crusher car crusher, factory reconditioned with warranty, \$115,000.00

1992 Koehring 6644-7 with 2000 LaBounty MSD70 shear, \$125,000

1999 IPS Model CD965HS Baler, excellent condition, \$65,000

2005 Al-Jon 580CL auto logger, 3600 hours, \$325,000

Financing available on all new or used equipment. Call us today for a quote & application!

SEE MORE EQUIPMENT AND PHOTOS AT [www.DADECAPITAL.com](http://www.DADECAPITAL.com)  
800-823-9688

Solution for crossword on page B6.

R	V	A	F	A	V	I	E	T	T	N	C	T	E	P
E	N		E	G	V	L	B	B	E	B				V
R	V		D	V	E	S	U	S						R
O	N	M	O	B	R	O	C	I	C					C
C	P	O	E	P	I	C								S
R	K	A	E	T										S
S	S	L	A	S	G	L	A	C	A	E	F	A		F
Y	S	A	P	P										R
A														M
W	L	O	N	O	F	U	R							U
E	G													T
E	S	W	A	S	O	S								I
A	P	N	S	D	A	E	N	I	N	I	C	E	D	D
D	O	N	M	A	L	A	N	A	L	C	A	N	C	U
H	G	I	H	E	A	L	E	V	A	L	B	A	P	O

## Steel Buildings

### STEEL BUILDING SUPER SALE!!!

**Super Tough, Heavy Gauge STEEL BUILDINGS**

Workshops • Equipment Storage

**MODELS!**  
26 x 44 (2 left)  
32 x 50 (3 left)  
40 x 64 (1 left)  
45 x 80 (3 left)  
52 x 110 (1 left)

Easy, fast assembly!  
No crane needed!

**800/825-5059**

## Trucks & Trailers

TRUCK PART SERVICE, INC  
(704) 596-8311

Specializing in... Rolloff Container Tiedown Systems

[www.TruckPartService.com](http://www.TruckPartService.com)

## Wanted

### WANTED

**Antique Timber & Boards**  
**Yellow Pine**  
**Douglas Fir**  
**Tank Cypress**  
**Tank Red Wood**

What Its Worth, Inc.  
512-328-8837

**NEXT DEADLINE:**  
**December 17th**

Call today! 877-777-0737

# BANK FINANCING

*Have you recently paid cash for new equipment?*

*Do you need cash for purchasing inventory or for operating capital?*

# We Have CASH

**We can refinance your recently-purchased new equipment to get you the funds you need.**

- Up to 100% of your new equipment's purchase price.
- Up to \$250,000.00 with just an application.
- No limit with financial disclosure.

Program available for qualified borrowers.

## DADE

*Capital Corp.*



**800-823-9688**

Fax 419-931-9001

[www.DADECapital.com](http://www.DADECapital.com)

**FINANCING for the  
SALVAGE, RECYCLING &  
WASTE INDUSTRIES**

FOR OVER  
**20** YEARS