

February 1, 2007

Shelly Codner, Resource Specialist

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Boone, Cerro Gordo, Dallas, Franklin, Hamilton, Hancock, Hardin, Polk, Story, Winnebago, Worth and Wright Counties

I-35 Hot Listings

Material ID	Material Type	Material Name	Amount Available (lbs)
3141	Glass	Recycled Florescent Tubes	1152000 Annual
12745-12753	Inks and Solvents	Various Colors	2170 One Time
12801	Chemicals	Benzoic Acid	500 One Time
12835	Wood	Particle Board Scrap	364000 Annual
12841	Plastics	PVC Filter Media	22500 One Time
12842	Metal	Stainless UV Disinfector Cabinets	3200 One Time
12843	Metal	Stainless Sampler Cabinets	1500 One Time
12857	Plastics	PVC Piping	80000 Annual
12879	Rubber	Ribbed Flexible Hose (new)	50000 One Time

To view statewide hot listings visit: <http://www.iowadnr.com/waste/iwe/index.html>

Success Story

A Binding Relationship

In November 2006, in addition to being introduced to the fluctuating Iowa temperatures, Jeff Grant, buyer for Lehigh Cement Company in Mason City, Iowa was introduced to the Iowa Waste Exchange. Relocating from the warm climate of Kentucky, Grant accepted the raw materials and alternative fuels buyer position at Lehigh and has been relentlessly working towards their North American sustainable mission - to promote Lehigh as a company that endorses environmental, social and economic sustainability through their products and operations. Shortly after commencing his duties, Grant set up a meeting with Bill Rowland, Director of the Landfill of North Iowa and Shelly Codner Area Resource Specialist for the Iowa Waste Exchange. In addition to touring the facilities of LNI - including LNI's impressive onsite *Green Built* Education Center, built with the assistance of Iowa Department of Natural Resources Solid Waste Alternatives Program (SWAP), (take a virtual tour of LNI at www.landfillnorthiowa.org. For more information regarding SWAP visit <http://www.iowadnr.com/waste/financial/financialswap.html>) - the purpose of this interaction was to define the type of raw materials and alternative fuels Grant was interested in securing for Lehigh's Mason City operation. After a simplified education regarding the difference between cement - which acts as a binder - and concrete - which is aggregate mixed with cement (view an animated explanation of these processes at www.lehighcement.com) - Codner was on the lookout for viable materials to meet Grant's goals.

Shortly after this first meeting with Grant, Codner performed an onsite visit at the Seabee foundry in Hampton, Iowa. The world's largest equipment manufacturers call upon Seabee to custom engineer and cast hydraulic cylinders that meet their unique needs. Their cylinders cover diverse applications in the construction, forestry, agricultural equipment, material handling, aerial work platforms manufacturing and mobile industries (visit their website at www.hampton-hydraulics.com). Stan Bridges, foundry manager and avid Iowa fisherman, took Codner on a tour of the plant and pointed out sand blocks that were currently being landfilled at LNI. Bridges stated that with some adjustments on the line, these materials could be recovered and reused. Codner provided Bridges with the contact information for Grant and followed up with a phone call to Grant providing the contact information for Bridges. Shortly after, Grant and Bridges scheduled a meeting, toured the foundry, including a look at Bridges' collection of Iowa fishing trophies and struck an agreement to have these sand materials diverted from LNI and hauled directly to Lehigh for reuse. This transaction diverted 1,900 tons of materials from the landfill, saved just under \$50,000 in tipping fees and nearly \$20,000 in avoided purchases as well as introducing an Iowa newcomer to the many recreational fishing opportunities that can be found within the state. For more information on fishing in Iowa, including the Iowa fishing report and information on the many species that can be found in Iowa's abundant lakes, rivers and streams visit <http://www.iowadnr.com/fish/index.html>.

Hosted By



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Housing Provided By



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Wanted Materials

Text Books
Fly Ash
Paper—Des Moines Area
Mill scale
Sand
Pallets—Ames Area
Plastics—Iowa Falls Area
Warm Weather

Please contact
Shelly Codner for
information on any the
above materials.
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Did You Know?

At one time Mason City had seven plants for manufacturing brick and clayware and was considered the brick and tile capital of the world.

Iowa Innovations

Iowa agencies and businesses have long been technological innovators. A significant contribution was made during the construction of the Eisenhower Interstate Highway System, and was the invention of the slipform paver, which aided in timely completion of the project. The slipform paver was invented in 1946 by two materials engineers James W. Johnson and Bert Myers, who were with the Iowa Highway Commission, now the Iowa Department of Transportation. The first commercial slipform paving machine was manufactured by an Iowa company.



Upcoming Events/Activities

Solid Waste Alternatives Financial Assistance Program—Applications due April 2, 2007
visit <http://www.iowadnr.com/waste/financial/financialswap.html>.

Paint Iowa Beautiful Grant—Applications due February 23, 2007. Visit www.keeipiowabeautiful.com.

Metro Waste Authority's Environmental Stewardship Awards—Applications due March 15, 2007. Visit www.mwatoday.com.

Highway Hot Spots

The Pilot Knob Recreation Area, just north of Pilot Knob State Park in Forest City is available for public hunting, hiking, snowmobiling and other activities. Pilot Knob State Park is one of the oldest units in the state park system. It was dedicated in 1923. Standing atop the tower on "Pilot Knob," the second highest point in Iowa, visitors have a spectacular view. From the tower built by the Civilian Conservation Corps in the 1930s, one can see great expanses of some of the most fertile farmland in the world. After glaciers leveled the prairies of north-central Iowa, they deposited the rocks and earth that formed the hills and valleys that are now Pilot Knob. In earlier times, pioneers used the Pilot Knob as a guide as they traveled west in covered wagons, thus giving the park its name. An open air amphitheater, constructed by the Civilian Conservation Corps in the 1930s, is surrounded by scenic woods. For other Highway Hot Spots visit <http://astore.amazon.com/corridorconnection-20>.

Area Resource Specialists

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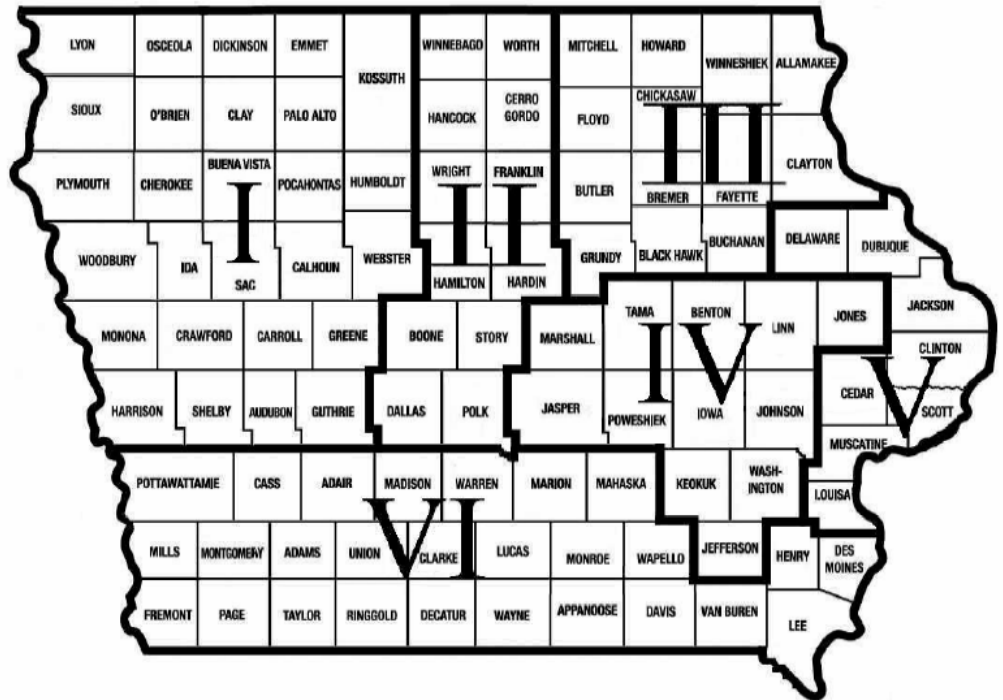
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