

PILING UP POINTS

Going green during construction is gaining in popularity and more and more contractors are interested in building LEED-certified commercial and residential projects. There are a number of categories in which to earn those coveted LEED (Leadership in Energy and Environmental Design) points, including water efficiency, energy and atmosphere, indoor environmental quality, and materials and resources.

During construction, a lot of building materials are used, not to mention a lot of waste generated. So in addition to LEED encouraging the selection of sustainably grown, harvested, produced, and transported products and materials, it also promotes the reduction of waste, as well as reuse and recycling.

As a part of the stimulus bill, the federal government's GSA (General Services Administration) has been given \$5.5 billion for green building projects. All new GSA building projects as well as substantial renovations must use the LEED-rating system. This means the greater D.C. area, as well as other sections in the country, will see an increase in the number of contractors working within the LEED framework.



Equipped with a Waste/Refuse/Recycling Package, Recycle One's Kawasaki 80ZV-2 provides the operator with the necessary confidence to do his job efficiently and safely.

Recycle One, servicing a 50-mile radius around Washington, D.C., is ready to do its part. A brand new facility that just opened its doors March 1, 2009, it is the first and so far only minority-owned and -permitted C&D recycling and processing facility in Maryland. Although it shares an office building with LSI (Lawrence Street Industry), a debris and recycling collection service, Recycle One is no mere afterthought. It is a full-fledged, state-of-the-art, two-million-dollar facility that can accept materials from every roll-off truck and construction company in the area. Automated truck scales, a safe disposal environment, and a 25-foot high opening that's also wide enough to accommodate up to four trucks for simultaneous tipping, are among its strong selling points.

"There are certainly other facilities that have been in business for a long time," says William Fields, Chief Operating Officer, "but we are state-of-the-art, and have a much cleaner environment. We have concrete flooring from the entrance to the exits. As a result, we don't have potholes and we don't have embedded objects in dirt that create hazards. We also have excellent lighting at night. And we're open early in the morning to help out those companies that pick-up first thing and have to be off-site by 6 or 7 AM.

"In addition, we can provide LEED certifications for our customers. When a customer brings in a container of materials, the driver and our technician analyze the content to determine what percentage is concrete, what percent is cardboard, wallboard, etc. We then generate a formal report and provide it to the customer so their client can earn LEED points for their recycling efforts."

All recyclables that have a market demand are sold by Recycle One and rebates applied for. The rest Recycle One pays to dispose of properly. Sorting is handled by a Kawasaki 80ZV-2 wheel loader and a Hitachi excavator, both purchased from Elliott & Frantz in Jessup, Maryland.



“ I’m very comfortable in the Kawasakis. ”
— Jerome Taylor, Operations Manager, Recycle One

Recycle One is located inside the Capital Beltway in Hyattsville, Maryland, and is accessible from several major highways. It accepts all non-hazardous C&D materials and land-clearing debris.

“We got our first Kawasaki in 2004 for Lawrence Street Industry, our sister company, for use in C&D,” says Jerome Taylor, Operations Manager. “We’ve never had a problem with it — it’s still working great! When we went to buy a loader for Recycle One, we looked at the price of Kawasaki with a waste and recycling package. This environment can be dangerous. You’re working in one of these facilities, driving around, and you just can’t see what’s under your machine. That’s why guarding is very important. It gives you the extra protection to feel comfortable in your machine. We then looked at Cat®, Deere, and Komatsu. Komatsu didn’t offer guarding, and Cat and Deere were too expensive with their guarding. No one could beat the Kawasaki price.”

“All our operators have significant hours on specific pieces of equipment,” states Fields. “We also provide training. They are very much aware of how to operate safely and effectively. From what I’ve seen, and what the operators say, Kawasaki is top of the line. It provides us with everything we need to move the materials in the various locations and to process the materials in an efficient, effective, and safe manner. Kawasaki equipment is a tremendous help to meet our service objectives.”

“I’m very comfortable in the Kawasakis,” concludes Taylor. “And the cab in this new one is just luxury. If I had the chance to purchase another machine, I would go with Kawasaki again.”

Recycle One is serviced by Elliott & Frantz, Jessup, Maryland.

WHAT IS LEED?

LEED is a third-party certification program and the nationally accepted benchmark for the design, construction, and operation of high-performance green buildings. Developed by the U.S. Green Building Council in 2000 through a consensus-based process, LEED serves as a tool for buildings of all types and sizes. LEED certification offers third-party validation of a project’s green features and verifies the building is operating exactly the way it was designed to.

LEED is point based. Within each of the seven LEED categories, projects must satisfy particular prerequisites and earn points. Since LEED-certified projects blend environmental, economic, and occupant-oriented performance, they cost less to operate and maintain, are energy- and water-efficient, have higher lease-up rates, are healthier and safer for occupants, and are a physical demonstration of the values of the organizations that own and occupy them.



KAWASAKI WASTE HANDLING, REFUSE, AND RECYCLING PACKAGES

The Kawasaki Waste and Recycling Packages were created based on input and feedback from a specially assembled customer focus group. Safety was a major concern. Visibility, specialty buckets, tires, and radiator fins were also discussed. The goal was to create a Kawasaki wheel loader equipped with special guarding, cab filtration, tires, and attachments that would provide a productive and safe machine for this demanding environment.

THE KAWASAKI WASTE/REFUSE/RECYCLING PACKAGE IS AVAILABLE FROM THE 65Z THROUGH THE 115Z.

Basic Package Features:

- Articulation Area Guard
- Axle Brake Piping
- Front Chassis Belly Guard
- Lift Cylinder Line Guard
- Headlight and Tail Light Guards
- Rear Chassis Belly Guard
- Reversible Cooling Fan, Automatic
- Steel Headlight Housing
- Steel Radiator Grill
- Wheel Seal Guards
- Wide Fin Radiator

Additional Options:

- Alternator, Sealed Electronics
- Autolube System
- Cab Air Pressurizer/Filter
- Cab Windshield Guard, Refuse, Hinged
- Engine Precleaner, Turbine Style
- Exhaust System Insulation
- Hydraulic Tank/Fuel Tank Guards
- Seal Saver™ Boots, Bucket Cylinder Seal Protectors
- Seal Saver™ Boots, Lift Cylinder Seal Protectors
- Seal Saver™ Boots, Steering Cylinder Seal Protectors
- Steel Cable Steps
- Transmission Filter Guard
- Transmission Oil Filter Assembly, Heavy Duty
- Under-Cab Shield

