

# ***IRNetworking***

## ***The Newsletter of the Institution Recycling Network***

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### **CALENDAR**

October 15-18. ERAPPA Annual Conference. Groton, CT. Sessions on a wide variety of topics related to facilities management. <http://www.erappa.org/Annual%20Meeting/ERAPPRegistration2006Mystic.pdf>.  
October 24-25. Northeast Recycling Council (NERC) Fall Conference. Northampton, MA. Sessions addressing organics, school recycling, recycling measurement. Information at [www.nerc.org](http://www.nerc.org).  
October 25. 12th Annual Massachusetts Environmentally Preferable Purchasing (EPP) Vendor Fair and Conference. DCU Center (formerly the Centrum), Worcester, MA.  
November 14-16. Build Boston. Seaport World Trade Center, Boston. The region's premier conference and trade exhibition for architects and contractors, with tracks devoted to sustainable construction and jobsite recycling. Information at [www.buildboston.com](http://www.buildboston.com).  
November 30. Mass. DEP Fall WasteWise Forum. To be held at Consigli Construction's new LEED headquarters, Milford, MA. Information from Morgan Harriman at Mass DEP, 617-654-6580.  
January 25, 2007. EPA Region 1 Conference on Healthcare and the Environment. Boston University Education Center, Tyngsboro, MA. Conference sessions on energy, green building, recycling, environmental compliance and other topics. Contact [Janet Bowen](mailto:Janet.Bowen@epa.gov) at Region 1 for information.

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## GENERAL IRN NEWS

### IRN Enhances Paper Recycling Opportunities

As more and more IRN members seek to increase recycling rates by capturing more fiber, IRN has responded by enhancing our own fiber recycling programs.

The biggest change is that we're putting "compactor" recycling trucks on the road that can collect large quantities of mixed or source-separated paper or cardboard. The trucks are equipped with a lifting arm to pick up full toters of paper, or else paper can be loaded from the ground or from your loading dock (in toters, boxes, slim jims – however you have paper collected and stored). The packers allow us to pick up much more fiber on each route, reducing collection costs and dropping the savings to the bottom line of your recycling program.

Uniquely, these "packers" have dual collection compartments, so that we can collect mixed beverage containers (plastic, aluminum, and glass in bags) along with paper, or else pick up two paper grades at the same time, on the same truck.

Meanwhile, we're also expanding fiber recycling through our "one stop" service. As most of you know, IRN's "one stop" lets you recycle a number of different materials on a single truck – electronics, universal wastes, surplus property. Now you can add loose paper in toters, gaylords, or hampers, baled or loose cardboard, confidential documents, or other fibers you have in quantities that don't justify a dedicated pickup.

We are also able to provide compactors and/or balers for mixed fibers, source-separated paper grades, and cardboard throughout our service area, through purchase, rental, or lease-to-own arrangements.

As always, thanks to the Network's collective bargaining power, the prices we pay for recycled fibers are among the highest in the region. IRN also addresses a concern we've heard from many members, namely that much of the paper collected in New England is ultimately exported. Almost all of the paper recycled by the IRN is used locally, in local New England mills that employ thousands of workers and put millions of dollars into the regional economy.

These are major program enhancements for IRN, in that we've brought under our own umbrella *all* of the fiber recycling services that may be requested by IRN's membership. There's no one else in New England who offers comparable opportunities to manage every single recyclable from an educational or healthcare setting through a direct connection to a single service provider. This is what has always set us apart, and with expanded fiber capabilities, the gap between IRN and our "competitors" has grown even wider.

### Seven IRN Members Receive H2E Awards for Waste Reduction Achievement

IRN congratulates our seven healthcare members who were recipients of 2006 Hospitals for a Healthy Environment (H2E) awards for achievements in waste reduction and recycling.

The Baystate Health system in Springfield, Massachusetts (which includes members **Baystate Medical Center** and Franklin Memorial Hospital) and the **Dartmouth-Hitchcock Medical Center** (Lebanon, NH) were recipients of H2E's highest recognition, the Environmental Leadership Award. This award recognizes facilities that are setting the highest standard for environmental practices in health care, including a recycling rate of at least 25%, elimination of mercury from the hospital environment, and other unique or innovative pollution prevention programs.

Receiving H2E's Partners for Change Awards were IRN members **Concord (NH) Hospital**, **Cooley Dickinson Hospital** (Northampton, MA), **Cambridge (MA) Hospital**, **Somerville (MA) Hospital**, and **Whidden Memorial Hospital** (Everett, MA). The Partners for Change award recognizes facilities that continuously improve and expand upon their mercury elimination, waste reduction and pollution prevention programs.

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## Reverse Vending Takes Hold: Simple, Effective Recycling for Beverage Containers

In the past few weeks, we have installed three new Reverse Vending Machines (RVMs) for beverage containers, and several more are in the works. RVMs are especially appropriate in healthcare settings where a large proportion of beverages are purchased and consumed in a cafeteria area, which is also a central, universally recognized location where containers can be collected from throughout the institution.

If you're unfamiliar with IRN's Reverse Vending program, it's important to know that the machines can accept plastic, aluminum, and glass, non-redeemable as well as nickel-deposit containers. So they provide a comprehensive, unified recycling program for bottled water, juice, and other non-redeemables as well as bottle-bill containers. The machine counts and credits all deposit redemptions, which can either be returned to patrons or kept by the hospital to support environmental or other programs.

The growing adoption of RVMs by reflects IRN members' recognition that traditional recycling programs for beverage containers are inefficient, difficult to manage, and expensive. RVMs are a straightforward solution, and the all-in cost is typically competitive or less than the cost of typical collection in recycling bins scattered throughout the institution.

## IRN Healthcare Membership Adopts "One Stop" Recycling

"One Stop" is what its name implies: One service request, one truck, one pickup, and IRN will take away and recycle whatever it is you need to get out of the way: surplus property, universal wastes, electronics, even paper, cardboard, or HIPAA documents.

Once hospitals get it, One Stop becomes an addiction. It's easy to see why. No more "storing" materials in hallways and empty rooms, no more calling to five or six different vendors to take away different commodities, no more tying up space and staff time waiting and juggling multiple vehicles on your loading dock. No more anxiety that JCAHO or the fire inspector will show up when you have three pallets of electronics and a half dozen beds clogging an exit route.

IRN has made One Stop as flexible as it needs to be to meet your requirements. We can put you on a regular pickup schedule, or we can dispatch a truck when you call. You can bring materials to the loading dock, or we can come into the hospital to pick up items wherever you have them stored. We can take away a full truckload, or we can put you on a "milk run" that combines partial loads from more than one IRN member.

Our goal is your goal: to make recycling as efficient, hassle free, and cost-effective as possible. For a growing number of healthcare institutions, One Stop is making that happen. Give us a call if you'd like us a visit to review the possibilities.

## IRN Receives Hospitals for a Healthy Environment "Champion for Change" Award

IRN was itself an H2E award winner in 2006, taking home a **Champion for Change** award for our efforts to assist healthcare organizations with their waste reduction and recycling efforts. At last count, IRN has worked with over three dozen New England hospitals, recycling everything from computers to cardboard to construction wastes. One of the innovative programs recognized by the Champion for Change award is IRN's "One Stop" program, which allows our healthcare members to recycle as many as four or five different commodities on a single vehicle (see related story).

IRN was also recognized by the U.S. Environmental Protection Agency with an **Environmental Merit Award** "for outstanding efforts in preserving New England's environment."

To top it off, Dana was invited to Laconia, NH to accept a **Business Champion Award** to the IRN "for support to child care and early learning programs in the New Hampshire Lakes Region." This is an award that flows directly back to you, IRN members, because it is your surplus property, donated through the IRN to schools and early learning facilities in central New Hampshire, that was the basis for the award.

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## **Solar Area Lighting: Effective, Cost-Effective for Remote Locations**

Take a look at [www.solarone.net](http://www.solarone.net). Solar One is a young Massachusetts company that produces solar area lighting that's a great product for remote campus areas areas that are not otherwise wired. Using the greenest and most renewable of energy sources, it's actually a great product for almost any outdoor lighting situation.

Solar One lights can be fabricated to provide a range of light intensities and illumination patterns. They're also programmed to ratchet down in intensity if it stays cloudy; you don't lose lighting even if you lose the sun for several days.

We saw Solar One lamps installed at Babson, and we were totally impressed. If you are responsible for planning or purchasing outdoor lighting, we hope that you'll take a look, or pass this information along to your purchasing department.

## **EPEAT: Environmentally Preferable Electronic Products**

Most IRN members know that computers, monitors, and other electronic products are a serious disposal and recycling issue. Just in the past few months, Maine and New Hampshire have joined Massachusetts in banning their disposal (see related stories). The simplest way to eliminate the disposal problem is to eliminate the environmental concerns in the products themselves. If there were nothing toxic in the product, there would be nothing toxic in the waste stream.

Most of the big electronics manufacturers have recognized this fact and started to "green" their product lines. The best current source of information on "green" electronic products is [www.epeat.net](http://www.epeat.net), which is a procurement tool to help institutional purchasers to evaluate, compare and select desktop computers, notebooks and monitors based on their environmental attributes.

Like Solar One, this isn't an immediate recycling issue. But if green computers, TVs, and monitors start coming through the purchasing system, there will be that many fewer to dispose of (and pay for) a few years down the road.

## **SURPLUS PROPERTY PROGRAM NEWS**

### **Summer Summary: IRN's Busiest Season Yet**

2006 was IRN's most active summer yet for surplus property management. Through August, we've already passed our 2005 total of three million pounds that IRN members have made available for disaster relief and economic development. A few examples:

- Over 10,000 pieces of dorm and classroom furnishings removed for Emerson College in four separate projects, as Emerson continues its move from Boston's Back Bay to more consolidated facilities across the Common.
- Multiple cleanouts at Yale, tapping into dorm furniture, miscellaneous surplus from scattered warehouses, and personal effects from student move-out, spread over half the summer.
- Beds and mattresses from Bowdoin, Keene State, Harvard, RPI, Plymouth State, UVM, and others.
- Major cleanouts of medical and diagnostic equipment from Franklin (MA) Medical Center and Connecticut Children's Hospital.
- A truckload of hospital beds and mattresses from Concord (NH) Hospital.
- Kitchen equipment from Harvard, a workout room from BC (not to mention the audio system from Alumni Stadium), a gym floor and basketball hoops from Northfield-Mt. Hermon, library equipment from Bridgewater State, science lab furniture and equipment from Wellesley.

Mark Berry and Stacey Clark (not to mention Bill Yorkell on the trucking schedule) have been running as far north as Bowdoin and UVM, west out to Albany and Binghamton, south to Princeton.

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And Dana took a trip to LA to manage cleanouts for Claremont McKenna and Harvey Mudd Colleges. Our network of movers is expanding nationwide, and we are continuing to establish new national partnerships with charities who need educational and medical surplus for relief work in the U.S. and worldwide. As knowledge of IRN's surplus program reaches new parts of the country, we're committed to expanding our capabilities as well.

### **Medical Surplus a Priority for Disaster Relief**

We'd like to extend a special request to IRN's healthcare membership to search their basements, hallways and storage rooms for surplus that can be used in relief efforts. Our charitable partners consistently tell us that medical surplus is their highest priority. With demand from literally dozens of impoverished countries and thousands of projects around the world, there's just no way that they can keep up with the need.

Bill Yorkell is scheduling milk runs for medical equipment throughout New England, so IRN is able to pick up quantities as small as a few beds or individual pieces of equipment. We can also pick up surplus in our "one stop" program, along with computers and TVs, universal wastes, and other recyclables. As you know, our only charge to members for surplus is what it costs us to get the truck to your installation and cover a portion of our warehouse costs; our partners absorb the much larger costs for long-distance or overseas transportation, customs, matching, placement, and followup with local recipients.

### **Stacey Clark Joins IRN Surplus Program**

The IRN is pleased to welcome Stacey Clark to join the IRN in managing our expanding surplus property programs, and helping to set up "one stop" services for surplus and other commodities.

Stacey comes well qualified. She's been a bank branch manager, and she started and managed her own child care center. Mid-career, with her two children off to school, she returned to Harvard's Extension Program to pursue a B.A. in Natural Science. Then, with high recommendations from Terry Pellerin at WPI and Jack Spengler from Harvard, she came to work for the IRN.

Stacey is working mostly from her home in Shrewsbury, Mass., so she'll be most active with IRN's southern and western membership. She's passed her trial by fire managing large surplus projects at Yale, Trinity, UMass, and Connecticut Children's Hospital, and setting up "one stop" services for several Boston area hospitals. Please welcome Stacey when you hear her on the phone or she arrives at your school or hospital to scope out a surplus assignment or one-stop opportunity.

### **Boston University: Permanent Containers Simplify Surplus Management**

One challenge with surplus is that it comes from many directions, all the time, sometimes one or two items at a time, sometimes twenty or thirty. Some institutions stash it in a warehouse, where it sits (usually for years) until a new CFO notices and orders a cleanout. Some stash it in hallways or empty rooms, where it sits until someone needs the space; then it gets thrown out. Some (maybe most) just throw it into the dumpster right away, recognizing that once surplus gets into the black hole of "storage" it's as good as gone anyway.

Due to the number of properties and varied departments who handle surplus, Boston University faced this challenge annually. With over a hundred residence halls, classroom and administrative buildings, BU recognized that tens of thousands of pounds of surplus were being discarded every year. With its decentralized organization and Boston rental prices, warehousing was not part of the equation. On the contrary, BU was looking to eliminate warehouse storage altogether.

BU recognized the problem, and asked IRN to help find a solution. Working together, Jeanne Sevigny from the Office of Housing, Mike Lyons and Bob O'Toole from the Office of Facilities Management and Web Lancaster from the Office of Parking Services were successful at locating two spaces to house 20-foot "pup" trailers. Mike, Jeanne, and Bob identified the departments on campus who control most of BU's surplus, distributed keys to the trailers, and sat down with the appropriate managers to implement new surplus guidelines. Now when there's surplus anywhere on the BU campus, it's taken straight to a trailer. After a few months experience, we've gotten down to a routine where we sweep the trailers on a regular basis; BU doesn't even have to call. We added a couple of twists to handle special situations. We spotted one dumpster for scrap wood and one for metal to handle surplus (along with construction materials and

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other scrap) that's too beat up for reuse. And BU calls if they have a cleanout that will require extra sweeps of the trailers or an IRN truck or trailer dedicated to a specific project.

The result is that thousands of pounds, hundreds and hundreds of items of usable surplus every month, have been taken out of BU's dumpsters, and are now being used by relief organizations. The solution is simple, comprehensive, and cost-effective. It's also a solution that may be appropriate on other IRN campuses. Please contact us if you think your campus could benefit from a permanent surplus management setup like BU's.

## **Trinity Cleanout Calls on Multiple IRN Capabilities**

A cleanout at Trinity College (Hartford, CT) in June highlighted just about all facets of IRN's fixed asset and surplus management capabilities. Several years ago, Trinity took over the former Connecticut Public Television (CPTV) building in Hartford. As every facilities person knows, empty space is a magnet, and over the years Trinity filled much of the CPTV building with its own surplus – used dorm furniture, desks and file cabinets, lounge furniture, classroom furnishings. When it came time this spring to begin renovating the building into Trinity offices, it was pretty much filled with unwanted stuff.

Trinity called the IRN, and we provided reused opportunities for 100% of Trinity's surplus, as well as fixed assets left behind by CPTV. Through our network of donation partners, we loaded several ocean containers with the Trinity surplus – dorm, lounge, office, and classroom furnishings. Then we brought in "deconstruction" crews to delve into what was left behind by CPTV, removing fixed assets that included cabinetry, sinks, kitchen and other appliances, and bathroom fittings. These also went straight to relief channels through matches made by IRN and our nonprofit partners. Finally there were a remainder of high-value assets (pianos, electronic equipment) that were too valuable and fragile to pack into overseas containers. Using IRN vehicles, we brought these back to our Everett (MA) warehouse, where we were able to provide the care and packing that assured they reached donation recipients without damage.

And we did this in three days, allowing Trinity's contractors to get into the building and proceed with renovations on schedule. Not an easy job (it was Stacey Clark's baptism by fire), but it was part of IRN's ongoing commitment to the highest possible recycling rates and highest level of service.

## **CONSTRUCTION WASTE MANAGEMENT UPDATE**

### **IRN Adds Indoor Air Quality to LEED Capabilities**

IRN has added Indoor Air Quality Management (IAQ) to its *WasteMiser* services for renovation and new construction projects. Two LEED credits are available for IAQ management. Added to the 3-4 credits that IRN routinely achieves for our construction waste management services, IRN is now able to harvest nearly 20% of the points required for LEED certification. And Indoor Air Quality Management is a sensible environmental and health component of any project, LEED or non-LEED.

The two LEED credits are available for (1) IAQ during construction (EQ 3.1), and (2) IAQ prior to occupancy (EQ 3.2). The IRN adheres to the SMACNA Guidelines as prescribed in "IAQ Guideline For Occupied Buildings Under Construction", 1995 Chapter 3. These include five design approaches including: (1) Containing the work area; (2) Modifying HVAC operation; (3) Reducing emissions; (4) Intensifying housekeeping; (5) Rescheduling work hours or moving occupants.

IRN's Indoor Air Quality Management Program consists of four components:

**Analysis and Planning** - IRN will review the project documents, conduct a site visit, and collect environmental data on construction and fitout materials. With this information, a comprehensive project specific IAQ management plan and IAQ management checklist will be developed, which will serve as a guide for construction personnel throughout the project.

**Training and Execution** - IRN will meet with the project manager, superintendent, labor foreman and sub-contractor personnel to review the IAQ plan, answer questions and make changes as appropriate. IAQ responsibilities are delegated to the appropriate people, with one person assigned the role of on-site coordinator. Training is provided for all project personnel.

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**Site Management** - An IRN representative will be on-site as needed to supply advice and monitor implementation of the plan. IRN will also photographically document the SMACNA design approaches employed during the project. Additionally, IRN will review the IAQ plan with the on-site coordinator and complete the checklist as appropriate. The IRN team member will be on-site during flushout or during the IAQ test prior to occupancy to ensure compliance with the plan.

**Documentation** - Upon completion of the project the IRN will prepare a final report, along with the appropriate LEED letter templates and supporting documentation.

When combined with our construction waste management services, IRN's IAQ management program is especially cost effective and trouble-free. IRN works to make sure that IAQ management is simple, inexpensive, and simple to manage on the jobsite. It's something we've done dozens of times, and a potential headache we're happy to absorb. Please call John Gundling (603-568-1436) or Matt McKinney (603-568-7781) if it's an area where we can help out on a specific jobsite, or for more general information.

## Massachusetts Steps Up Waste Ban Enforcement

The Massachusetts Department of Environmental Protection (MassDEP) says it has begun to increase enforcement efforts to ensure that landfill bans and recycling laws are being obeyed.

In addition to continuing inspections at landfills, combustion facilities, and transfer stations, DEP has announced that it has started looking more closely at companies that generate and transport solid waste, the agency has announced.

"More than anything, we want to provide businesses and trash haulers with the information and assistance they need to comply with the waste bans," according to outgoing MassDEP Commissioner Robert W. Gollidge Jr. "But we are also prepared to take enforcement action if we find evidence of widespread or willful violations."

The agency wants to hold all parties equally accountable for complying with the waste bans, according to Gollidge, because throwing recyclables away puts a strain on the state's limited waste disposal capacity and hurts manufacturers that rely on recycled feedstock.

Stepped up waste ban enforcement may affect generators and haulers of the construction and demolition materials banned from disposal earlier this year, including asphalt pavement, brick, concrete, metals, and wood. Also banned from disposal in Massachusetts and subject to waste ban enforcement are white goods (appliances), paper (including cardboard), cans and bottles, televisions and computer monitors, batteries, and tires.

Additional information about the Massachusetts waste disposal bans can be found at MassDEP's Web site at <http://www.mass.gov/dep/recycle/solid/regs0201.htm> or through the agency's commercial waste reduction hotline at (617) 348-4002.

## Massachusetts Mixed Debris Recycling Costs Head Upward

When IRN first started recycling construction wastes in a big way, three or four years ago, we were able to direct mixed debris to recyclers rather than landfills, achieve a decent recycling rate, and save a lot of money (generally 20-30%) compared to disposal.

With the imposition of the [Massachusetts C&D Waste Bans](#) on July 1, that situation has changed. Recycling fees for mixed debris have moved upward, and they now approach the old cost of disposal (or the current cost of out-of-state disposal) at \$80 to \$100 per ton. In addition, many processors are rejecting or imposing surcharges for troublesome materials like drywall and treated wood. (Drywall is a problem because it's a source of hydrogen sulfide gas when landfilled; as a result many landfills are restricting drywall in mixed debris, where it usually ends up as a component of Alternate Daily Cover.)

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This situation reinforces IRN's principle that C&D wastes should be separated on the job site wherever possible. The cost to recycle source-separated wastes is much, much less than the cost to recycle mixed debris ([see chart](#)), and overall recycling rates are much higher (the "normal" recycling rate for a source-separated waste is 100%). And there are few job sites where source-separation can't be carried out for reasons of space or other constraints. As a result, every Waste Management Plan we develop emphasizes source separation as much as practicable. The current trend in mixed C&D processing costs makes this emphasis even more sensible.

## Questions and Answers: Massachusetts C&D Waste Bans

Mass. DEP has published a fact sheet on the C&D disposal prohibitions that went into effect on July 1. [Click here](#) for a copy of the fact sheet.

The fact sheet includes links to sources of information for contractors and haulers, as well as detailed information on materials affected by the waste bans, the rationale for banning C&D wastes from disposal, and markets where C&D wastes can be recycled.

Additional information on C&D recycling can also be found in the [Recycling Guide](#) developed by IRN for Mass DEP, the Boston Society of Architects, and Mass. Associated General Contractors.

## IRN Offers Two Presentations at Build Boston, November 14-16

If you are planning to attend Build Boston in November (and if you are involved in facilities planning, design, or maintenance, you probably should; it's the best vendor show and conference in New England for architectural products and practices), make sure you check out two IRN recycling workshops.

John Gundling has organized a workshop (10:30 AM, November 16) to review Harvard's successes in recycling from over a dozen different projects, ranging from small facility upgrades to large scale gut-renovations to new construction on green- and brownfield sites. With IRN's assistance, Harvard routinely achieves recycling rates of 95-plus percent. And Harvard's project managers would agree that, once fully integrated into project planning and management, these results can be achieved without adding cost, time or complexity into a project. Harvard and contractor Project Managers will present case study information from specific projects that lays out Harvard's experience and provides a road map that others can follow.

Matt McKinney will be participating in a workshop (3:15 PM, November 16) with Consigli Construction and the Associated General Contractors of Massachusetts to present straightforward "how to" information on C&D recycling. There's still a lot of hesitancy to recycle aggressively on many jobsites – worries about schedule, cost, complexity, reliability of service. With close to fifty recycling projects between us, Consigli and IRN will address these concerns, talk about how recycling can be fully integrated into almost any project, and also discuss the tracking and documentation required for LEED or other project reporting.

Additional information and registration are available at [www.buildboston.com](http://www.buildboston.com).

## DuPont Offers New Cable/Wiring Recycling Opportunity

DuPont is offering a new recycling program for wire and cable. Developed primarily for telecommunications cabling, the program will also accept standard electric service wire and cable.

With copper and other "red metal" prices near all-time highs, there's no problem (and good money) getting rid of wire and cable from any demolition or renovation project. What differentiates DuPont's program from standard recycling practices is that DuPont will reclaim and recycle the plastic insulation in addition to the wire itself, offering a true 100% recycling rate (typically, the insulation is just burned away when cabling is recycled).

Adding additional motivation to recycle wire and cable (and increasing the quantities available for recycling) is the fact that national building codes now require the removal of old cabling when new telecommunication wires are installed. For decades, most of these old cables have simply been left in place, creating a significant fire hazard. So where a renovation a few years ago may have yielded little or no wire to recycle, the quantities can now run into tons, especially where a renovation may be removing several generations of old wire.

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DuPont and the IRN offer multiple options to recycle old wiring. If a project generates cable in sufficient quantities (2,000-3,000 lbs) DuPont can spot a container on the jobsite and coordinate its removal and recycling. For smaller quantities, the IRN can work as an aggregator to get cabling into the DuPont program. More information is available at [www.cablingsolutions.dupont.com](http://www.cablingsolutions.dupont.com).

From IRN's perspective, this is another arrow we will add to our quiver to provide the most comprehensive, most cost-effective recycling solution on any demolition or renovation project. Matt and John will be looking for opportunities to work the DuPont program into IRN recycling projects. Please contact them if you have a project where DuPont's recycling solution may be appropriate.

## STATE AND FEDERAL GOVERNMENT UPDATE

### Maine Household TV and CRT Disposal Ban Goes Into Effect

Maine's new E-waste law distributes the responsibility for collection, transportation, and recycling of electronics among residents, municipalities, consolidators, and manufacturers.

- [Click here to view the E-Waste Law statute.](#)
- [Click here for Maine DEP's E-Waste website](#)
- [Click here for a fact sheet on the E-Waste law and regulations](#)

On **January 18, 2006**, manufacturers began paying for the recycling of residentially-generated televisions and computer monitors in Maine. These same manufacturers have been paying for the transportation of these items when loads reach 16,000 lbs or more.

On **July 20, 2006**, the disposal of TVs and computer monitors is prohibited in Maine. This means that each municipality must provide its residents with a means to recycle their televisions and computer monitors (or ship these wastes out of state for disposal).

This law affects CRTs and TVs generated from Maine households. Commercial and institutional CRTs and TVs are already effectively prohibited from disposal in Maine. Disposal of computers is subject to the Maine Hazardous Waste Management Regulations, and as of January, 2001, the Universal Waste (UW) provisions of those rules set specific management standards for recycling waste computers. Throwing old computers into the dumpster with the regular trash **is not** a legal option unless, through laboratory testing, the computer can be proven to be non hazardous. And laboratory testing is more expensive than recycling. For additional information see [www.state.me.us/dep/rwm/recycle/computerrecy.htm](http://www.state.me.us/dep/rwm/recycle/computerrecy.htm).

### New Hampshire Bans Disposal of CRTs, TVs, Other Video Displays

New Hampshire has enacted legislation that will ban the disposal of almost all electronic "video display devices" as of July 1, 2007. "Video display device" includes any "visual display component of a television or a computer, whether separate or integrated with a computer central processing unit/box, and includes a cathode ray tube, liquid crystal display, gas plasma, digital light processing, or other image projection technology, greater than 4 inches when measured diagonally, and its case, interior wires, and circuitry." With this definition, the ban includes all laptops and flat-screen TVs and video displays, as well as CRT-based monitors and televisions. Full text of the law can be found at <http://www.gencourt.state.nh.us/ie/billstatus/quickbill.html>. Type "HB1455" in the box labeled "Bill Number".

### New Hampshire Introduces Automatic Electronic News Service

The New Hampshire Department of Environmental Services has introduced an electronic information service for anyone interested in receiving current press releases, advisories, and newsletters from the Agency and its programs. Sign-up through the [DES website](#).

#### The Institution Recycling Network

7 South State Street, Suite 2 • Concord, New Hampshire 03301  
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Publications available through the service include:

- Press Releases
- Press Advisories (upcoming event or meeting announcement)
- Environmental News (DES's primary newsletter)
- Wastelines (NH Pollution Prevention Program quarterly newsletter)

In addition to the publications, subscribers may select areas of interest, which will be used by DES for special announcements. For more information about the service, please contact [Jim Martin](#), DES Public Information Officer.

### **Connecticut Releases Updated Statewide Solid Waste Plan**

On July 13, 2006, the Connecticut Department of Environmental Protection released the *Proposed Amendment to the State Solid Waste Management Plan, July 2006*. The proposed amendment is comprehensive, basically replacing the existing State Solid Waste Management Plan dated 1991. The proposed Plan examines the state of solid waste management in Connecticut; establishes goals and objectives; identifies problems and barriers; and outlines strategies for achieving the goals. The proposed Plan will serve as the basis for solid waste management planning and decision-making for a twenty year planning horizon. In the next five years Connecticut will focus on implementing the higher priority strategies listed in the Plan. The public comment period on the Plan ended September 8<sup>th</sup>, and the Plan will be finalized in the next few months. Check the CTDEP website <http://www.dep.state.ct.us/wst/solidw/swplan/index.htm> for more updates with regard to the Plan.

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