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## Madison County Landfill Solar Cap Project

### Project Description:

Madison County, owners of the Madison County landfill, is planning to cap Cells I through 4 of the West Side Landfill. The total capping project will include approximately 8 acres with approximately 1 acre of south facing side slope. The County is proposing to install thin-film flexible photovoltaic modules on a portion of the 1 acre south facing slope of the West side Landfill capping project at the Madison County Landfill to generate 50kW of renewable PV electric power within the next three weeks. The system will be grid-tied through a utility interconnect and a meter at the MRF on the landfill site. Power will be used at the ARC Recycling Facility with excess provided to the grid.

### Project Approach:

As mentioned, the County plans to install a geo-membrane cap on part of the landfill. While most of the side slope cap will be a combination geo-membrane and vegetated cap, the south facing slope is being reserved for a PV array that will be affixed directly to the exposed cap geo-membrane material. Geo-membrane on the south facing slope will be a scrim reinforced thermo plastic olefin (TPO) material that is often used on large flat top building roofs. The 144W thin-film flexible PV modules will be glued to the TPO either at the factory, or on site.

This type of PV integrated capping system has been installed on another large landfill cap in Texas, and has been installed on numerous large building roofs. Manufacturers are currently making systems that are modular and utilize “plug-and-play” components to more quickly connect the system. In this case, PV modules will be wired to invertors that will be connected to generate three phase AC power, and a step up transformer will bring the voltage up to 480 volts as it is transmitted to the MRF eclectic meter.

### Project Measures:

The County is proposing to install PV modules on a portion of the capping area. The County will be able to utilize the energy generated through the solar array to offset the power requirements of the equipment located within the Recycling Facility. Any excess-electricity generated through the solar modules will be net-metered to the grid. It is estimated that the 50kW system will generate approximately 50,000 kWh power year; offsetting existing electric demand at the MRF./ The current electric usage of the MRF facility is approximately 49,000 KWh/year, which is approximately equal to the proposed output.

The total estimate project cost is about \$380,000, most of which, will be funded by a New York State Energy Resource Development Association (NYSERDA) Grant.



R-L: James A. Zecca, Director of the Madison County Dept, of Solid Waste and Sanitation, Doug Johnstone, Business Development Manager for Carlisle Energy Services of Carlisle, PA, Russell Hammond, Landfill Operations Manager, Chad Hutton Vice President of Barton and Loguidice Engineers of Syracuse, NY, and Arthur Mohr Jr., Director of Landfill Business for Carlisle check the solar panel delivery for the upcoming project.

Eleven solar panels will be placed on the southern facing slope, shown above, of the closed west side landfill at the Buyea Rd Landfill site in the Town of Lincoln.

## President's Letter



Another successful conference is behind us and, believe it or not, plans are already underway for the May 20 – 23, 2012 conference. For those who were there, I hope you were able to attend the variety of technical sessions, meet new contacts, enjoy the Tuesday activities, and learn something new along the way. The June technical seminar addressing *Pay as You Throw* was a great success and well attended; providing several perspectives on *Pay as You Throw* programs. The Chapter is planning another technical seminar for November. Details will be distributed shortly.

This is my last President's note and I would like to take this opportunity to express my pleasure to serve as the President to our members with such an outstanding Board of Directors. I wish you all well as we make progress in the field of solid waste management.

If you have a solid waste operation that you are proud of, this website is the place to brag about your facilities. SWANA – NY will showcase your solid waste management facilities / programs and tell your fellow New Yorkers all about it. Please submit your information using the following link:

[www.swananys.org/askaquestion.htm](http://www.swananys.org/askaquestion.htm)

Please remember to tell your friends and colleagues about SWANA and the many benefits of membership. Convince them to join. The NY Chapter will pay 50% of their first year registration fee.

Enjoy the summer!! See you at an event soon.

Jay Pisco  
President

## 2011 Federation Conference Review

As the month of May arrived so did anticipation of the annual Solid Waste & Recycling Conference with Trade Show. Each year solid waste professionals are drawn to the New York conference which continues to gain notoriety for being one of the premier conferences in New York State. Attendees reached the 700 mark while the trade show featured 120 exhibitors.

The conference held May 1-4, featured sessions that touched upon a wide variety of topics such as the NYS electronics law, managing medicines, business recycling and product stewardship. The plenary session was highlighted by the presence of Producer, Director and Cinematographer Mai Iskander who shared her experience of making the documentary "Garbage Dreams". Garbage Dreams documented the lives of three teenage boys growing up in the trash trades in the outskirts of Cairo. The film received international attention and won 26 awards. Attendees were welcomed to a screening of the film during the conference.

Many attendees participated in one of the planned afternoon activities during the conference providing opportunities to network and make new connections.

As the conference came to a close many started to look forward towards the 2012 conference to be held May 20-23, 2012! For more information please visit <http://www.nyfederation.org/>.

## 2011 Scholarship Results

The SWANA NY Chapter Scholarship Committee is excited to announce the 2011 Scholarship/Financial Assistance program awards. Awards are based on the overall achievements and need of the individual candidate, and not solely on academic performance. After careful consideration, the committee is pleased to announce the following awards recipients.

<u>For Category I</u>		<u>Category IA</u>		<u>Category II</u>	
Kelly Ann Bunchuck	\$750	Lauren E. Leibach	\$750	Thea Lange	\$750
Angelica Christine Catalano	\$750	Deborah Swyka	\$750		
Kelly Chadwick	\$500	Benjamin L. Smith	\$500		
Corey Joseph Barnes	\$500			<b>Total 2011 Scholarship Awards</b>	<b>\$5,750</b>
Emma C. Kinney	\$500				

## New Federal E-Scrap Policy

A new federal strategy to promote electronics recycling was unveiled by Environmental Protection Agency administrator Lisa Jackson who was joined by the heads of the General Services Administration, the White House Council on Environmental Quality and the CEOs of Dell, Sprint and Sony.

Introduced were a set of new policies that based on recommendations made by Obama's Administration's Federal Electronics Stewardship Working Group. The Working Group included the federal government, OEMs and electronics scrap processors. The newly developed policy directs government to encourage the development of more efficient and sustainable electronics and direct federal agencies to procure and recycle their electronics responsibly.

The federal government is the largest single consumer of electronics and the new guidelines will have the GSA remove products that do not comply with energy efficiency or environmental performance standards from its information technology purchase contracts used by federal agencies, and will ensure that all electronics used by the Federal government are reused or recycled properly.

The GSA is also directed to use certified electronics processors or manufacturer take-back programs for all non-functional equipment disposal. A landfill ban is also in effect for all federal IT equipment.

The new policies encourage companies to voluntarily adopt similar environmental and efficiency guidelines for their consumer products, to those used by the GSA.

In addition it encourages the development of competitive grant processes and design competitions to further the growth and development of domestic electronics recycling and improve product design. The new policy also recommends that the government support ratification of the Basel Convention.

The new policies received praise from the Institute of Scrap Recycling Industries. The Basel Action Network also expressed approval as the government would be encouraging the growth of certification standards.

## New York Ruling Illustrates New Angle on Attacking on Flow Control

An ordinance directing local waste to a public facility must be reasonably clear in its effect on existing non-public waste facilities, according to a ruling by a federal district court. *JWJ Industries, Inc. and Jeffrey Holbrook v. Oswego County*, No. 5:09-CV-0740, N.D.N.Y., June 13, 2011

Four years ago, the U.S. Supreme Court told haulers they could not challenge an ordinance forcing them to transport all locally generated solid waste to a public processing facility if their case was based on purported discrimination against interstate commerce. *United Haulers Association v. Oneida-Herkimer Solid Waste Management Authority*, 550 U.S. 330 (2007) Cut off from a once-powerful legal argument, haulers had to find other reasons to overcome flow control.

In 2009, JWJ Industries, Inc. and Jeffrey Holbrook, a JWJ officer and shareholder, sued Oswego County, N.Y., after the county enacted a flow control law covering waste generated within the county borders. Holbrook holds a permit from the New York State Department of Environmental Conservation ("DEC") which allows him to operate a transfer station in the Town of New Haven, Oswego County, known as the JWJ Transfer Station. The permit authorizes the transfer station to accept up to 65 tons per day of both construction and demolition debris, and municipal solid waste. The transfer station accepts waste that is generated both in and out of Oswego County. The Plaintiffs asserted that since issuance of the DEC permit, they spent significant sums to construct the transfer station, which happens to be the only privately owned C&D transfer station in Oswego County, and to improve the nearby highway to meet DEC requirements.

The complaint initially claimed that "[u]nder the Flow Control law, once any waste is delivered to the JWJ Transfer Station, all non-recyclable residue will be required to be disposed of at the Oswego County Solid Waste Management Facility, even if the waste originated outside of Oswego County." Consequently, plaintiffs argued, enforcement of the flow control law against them would effectively deprive them of all economically beneficial use of the DEC permit to operate the transfer station.

The plaintiffs were forced to abandon this claim and amend their complaint after the County disavowed any control over waste generated out of the county. In effect, the residual waste from outside the county -- the waste after recyclable materials have been removed -- could be transported outside the county again for disposal.

The plaintiffs' amended complaint asserted five constitutional grounds for invalidating the county flow control law: (1) taking of property without just compensation; (2) denying the plaintiffs due process; (3) denying the plaintiffs equal protection under the laws; (4) violating the plaintiffs' civil rights; (5) being vague and overbroad.

Limiting his analysis to the due process and vagueness claims, U.S. District Judge Neal P. McCurn ordered the county to stop enforcing its flow control law against JWJ until it "corrects and clarifies" what he called its "shortcomings."

Generally speaking, a law violates due process if it is vague or incomprehensible – that is, a reasonably intelligent person would have a hard time understanding what conduct it prohibits. The premise is that individuals should receive fair notice or warning when a governmental authority has prohibited specific behavior or acts. In addition, a law can be declared unconstitutionally vague if it authorizes or even allows arbitrary and discriminatory enforcement.

"This second ground, which the Supreme Court recognizes as the more important aspect of the vagueness doctrine, mandates that laws contain minimal guidelines to govern law enforcement . . . explicit standards for those who apply them to avoid resolution on an ad hoc and subjective basis, . . ." *Thibodeau v. Portuondo*, 486 F.3d at 65-66 (2d Cir. 2007)

As the district court saw it, the flow control law contained contradictory language about which wastes had to be delivered to the county facility and which wastes could be disposed of elsewhere. Moreover, the court found, the law "does not address [C&D] debris originating out of county and brought in to the JWJ Transfer Station for recycling." In short, the court concurred with JWJ that the law gave the company only "impossible options." Last but not least, the court criticized the county's "arbitrary and confusing interpretation" of the law.

"Simply stated, the County appears to have crafted its recycling and waste management law without consideration of the . . . licensed, fully operating waste disposal plant within its borders, or how the law should impact that private facility," the judge observed.

## New York Ruling Illustrates New Angle on Attacking on Flow Control (continued)

Having directed the county to fix the law's deficiencies, as spelled out in his opinion, the judge inexplicably closed the case. Trial judges customarily keep this kind of case pending on their dockets so that the parties can freely return for supplemental rulings as appropriate. Now, the plaintiffs must actually file a new complaint if the county fails to make the "corrections and clarifications to . . . pass constitutional muster." Neither JWJ nor the County wants the case to be closed. For its part, the County will be filing a motion for reconsideration, and both sides have agreed to a briefing schedule. Further significant developments will be reported as they occur.

Questions or comments to:

Barry S. Shanoff  
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## Potential Solar Opportunity in New York City

The City University of New York (CUNY) recently released a solar map of New York City, allowing building owners in the city to determine the amount of solar power their roof could host. The impact is substantial with city rooftops potentially providing half the city's peak power, and 14 percent of its annual electricity consumption. In addition the map shows existing solar PV and solar thermal installations in NYC.

The Solar Map uses a computer model that calculates the incoming direct and diffuse solar radiation for every square meter of the City to estimate the solar potential. The model is based on the position of the sun, overall atmospheric conditions, latitude, and shading. A flyover of the City was conducted using technology which captures the surface elevation of the ground, buildings, roof tops and trees.

The Solar Map also contains a calculator that allows users to estimate the environmental and financial benefits of a solar energy system. The output of the calculator depends on what the user inputs and several model assumptions. Other relevant costs are considered as well such as the cost for installation, inverter replacement, operation and maintenance.

There are federal, state and local incentives for installing a solar energy system. The NYC Solar Map calculator includes the following incentives: 30% Federal Tax Credit, Federal MACRS, NYSERDA/LIPA capacity based incentives, the New York State Tax Credit, and the NYC Property Tax Abatement.

The Solar Map project received funding from the United States Department of Energy (DOE) "Solar America Cities" program as well as the New York State Energy Research and Development Authority ([NYSERDA](#)). Technical assistance was provided by the National Renewable Energy Laboratory ([NREL](#)) and [Con Edison](#). The map was created by the Center for Advanced Research of Spatial Information ([CARSI](#)) at CUNY's Hunter College.

To view the map and learn more visit <http://nycsolarmap.com/>.

## Federal Legislation Introduced to Fund E-Waste Recycling Research

Legislation has been introduced by U.S. Representative John Sarbanes, D-Md that would fund research into electronic waste recycling. The bill would authorize the U.S. Environmental Protection Agency to provide grants for research and development projects to increase electronics recycling and to develop a study on obstacles to electronics recycling. In addition it allows the EPA to award grants to colleges and universities for curriculum development in area of recycling electronics and facilitate environmentally friendly designs. The bill titled "Electronic Device Recycling research and Development Act" is also anticipated to make U.S. companies less dependent on foreign suppliers of mineral and other materials needed for electronic manufacturing.

## Call for Abstracts for Annual Solid Waste/Recycling Conference

As summer begins to wind down, it's time to think about your next presentation at the 2012 Federation of New York Solid Waste Association's Conference! The nationally known Federation conference continues to both anticipate and reflect timely topics and trends in the field while growing in attendance and prestige - even during these challenging economic times!

New York State has recently revised its Solid Waste Management Plan and given it a new title – Beyond Waste. It sets forth an aggressive twenty year goal of reducing the average amount of waste that New Yorkers dispose of from 4.1 to 0.6 pounds per person, per day. As the sixty two planning units across the state update their plans to reflect the state's aggressive goals, "business as usual" is not going to get us there. Twenty years ago, the refuse industry renamed itself "solid waste management;" but Beyond Waste's goals have a new direction: "resource management."

## Call for Abstracts for Annual Solid Waste/Recycling Conference (continued)

Solid waste and recycling professionals are looked to as a core group qualified to change the mindsets of our governments, institutions, facilities, residents and businesses, with the goal of making our communities more sustainable. How and when are we going to make this transformation from “solid waste” to “resource management?” If you have an innovative program or improved process that you’d like to share with hundreds of your peers, you’re invited to present your viewpoint at the 2012 Federation of New York Solid Waste Association’s conference at The Sagamore at Bolton Landing on Lake George, New York, from May 20-23, 2012.

Abstracts of up to 250 words are being accepted through November 4, 2011, on any topics associated with solid waste, including waste reduction, reuse, recycling, waste-to-energy (WTE) and landfilling operations. Abstracts on topics that would advance solid waste and recycling in this cultural and industry change are also welcome. Topics, which tie recycling and engineering together and are considered PE eligible will receive immediate consideration. Abstracts of papers are easily submitted through the Conference website at [www.nyfederation.org](http://www.nyfederation.org). Papers from the 2011 Conference can be viewed there also.

Presentations are generally 20 minutes, followed by questions and answers. The 2½ days of technical presentations offer plenary and track sessions. The plenary sessions address broad issues of concern to all attendees. The tracks are designed to provide more in-depth discussions of solid waste issues. Topics for the 2012 conference are envisioned to include all things green: from engineering design to technologies to ultimate product management; sustainability; waste diversion; carbon offsets; environmental outreach and education; organics; deconstruction; landfill closure and post-closure; WTE/alternative energy trends; regulatory and compliance concerns; special/hazardous waste management; legal/contracting issues . . . and more!

This is the thirteenth year the Conference will take place at The Sagamore, a historic four-diamond resort on Lake George. The conference draws upwards of 700 attendees from around the Northeast, Midwest, South, Canada and Europe.

For more information, contact Luann Meyer at (585) 325-7190; [lmeyer@bartonandloguidice.com](mailto:lmeyer@bartonandloguidice.com) or through the Conference website at [www.nyfederation.org](http://www.nyfederation.org).

## SWANA Tech Session Looks at Pay-As-You-Throw, Single Stream Recycling

A crowd of over 60 waste management professionals turned out at the Albany Marriott on Wolf Road at the SWANA-NY Chapter’s annual Spring Technical Session on June 7 to learn about developments in pay-as-you-throw (PAYT) disposal and single-stream recycling programs, strategies that have emerged as cornerstones of waste management in New York State. With PAYT systems in existence for some time now, they provide an impressive track record of reduced waste generation and increased recycling. Now, with communities around the state charged in the new state Solid Waste Management Plan (“Beyond Waste”) with considering such programs, a review of this available track record proved informative and timely. Drawing on real world operations from long established programs in Tompkins County, City of Utica, and the Town of Southold, presenters on this topic emphasized elements that are key to the success of these programs, while pointing out challenges and potential barriers learned through experience, to their expansion elsewhere. Issues such as various approaches to PAYT (e.g. tags vs. bins vs. bags), the setting of fees, coordination with recycling efforts, out-of-system waste diversion, and how local economic and property tax conditions can impact public acceptance were all addressed. In the case of bag programs, a review of the key elements that make up a solid bid package (for the supply of bags) was also presented.

With regard to the growing trend toward single-stream, co-mingled recycling programs as a way to help get past the plateau most programs have experienced, a presentation on the County Waste MRF in Albany was given, highlighting improvements in automated recovery technology. Such developments are expected to enable single stream programs to expand as communities can expect reduced processing costs coupled with increased diversion to help offset reductions in revenue that would occur by moving away from source-separated programs.

In an important segment by DEC, David Vitale outlined the Department’s regulatory priorities in the new State Plan. In doing so he explained the evolution of the State’s position from an emphasis on increasing recycling to a current focus more on changing and reducing the waste stream to 0.6 lbs/person/day by 2030 (from its current level of 4.1 lbs), chiefly by increasing the composting/recovery of organics and the expansion of product stewardship efforts. Mr. Vitale also updated the group on the helpful tools available from DEC to assist planning units in assessing their own needs as they develop the next generation of local solid waste management plans.

The day concluded with a tour through the impressive, 3,000 ton per day County Waste facility in Albany.

Speaking at this Technical Session were Barbara Eckstrom, Tompkins County; Jim Bunchuck, Town of Southold; Bill Rabbia, Oneida-Herkimer SWA; Dave Vitale, NYSDEC; and Jerry Cifor, County Waste, Inc.

THE COMPLETE PROCEEDINGS OF THIS SESSION ARE AVAILABLE AT THE SWANA-NY WEBSITE (<http://www.swananys.org/PastProceedings.htm>)

## GHD (formerly Stearns & Wheler) - 2011 Scholarship Sponsor

In February, 2009, Stearns & Wheler merged with GHD, one of the world's leading engineering, architecture and environmental consulting companies.

Established in 1928, GHD employs more than 6000 people across five continents and serves clients in the global markets of water, energy and resources, environment, property and buildings, and transportation.

Wholly owned by its people, GHD is focused on client success. Our global network of engineers, architects, planners, scientists, project managers and economists collaborate to deliver sustainable outcomes for our clients and the community. Our core values of Teamwork, Respect and Integrity help create enduring relationships that deliver exceptional results.

A member of the World Business Council for Sustainable Development, GHD is recognized for its commitment to sustainable development, safety and innovation. We care for the well being of our people, communities and the environments in which we operate.

GHD operates under a Practice Quality Management System, ISO 9001:2008 and an Environmental Management System, ISO 14001:2004 which are certified by Lloyds Register Quality Assurance.

For more information, visit [www.ghd.com](http://www.ghd.com)

## The Shaw Group - Solid Waste Services - 2011 Scholarship Sponsor

The Shaw Group (Shaw) is one of the largest providers of integrated solid waste services in the U.S. Our understanding of industry trends; knowledge of national, state, and local regulations and regulators; national network of offices and years of design, construction and operations experience at hundreds of landfills and transfer stations make us the leading choice for public and private clients seeking practical technical solutions.



From site investigation and landfill engineering, to design and construction, to post-closure operations and maintenance, our in-depth technical resources allow us to address our clients' needs while identifying ways to reduce project and lifecycle costs.

Shaw provides a single point of responsibility for engineering, design-build, equipment fabrication, landfill products, sampling, monitoring, operation and maintenance of a variety of environmental control and energy recovery systems, solid waste facilities, and landfill gas (LFG) and leachate systems.

### The Shaw Advantage

Our comprehensive services provide a leading edge in the solid waste industry:

- **Leading LFG services provider** – We are a national leader in designing and installing LFG collection systems and flares.
- **National industry experts** – Our direct involvement in SWANA and EIA means that we don't merely react to trends, we help develop policies, advance innovative techniques, and discuss best industry practices.
- **Regulatory expertise** – We know the regulations and the regulators, allowing us to streamline our clients' permitting and compliance activities.
- **Cutting-edge technology** – Our proprietary leachate evaporation system (E-Vap®) and patented condensate injection into enclosed flares cuts environmental compliance costs.
- **Ongoing O&M experience** – We service LFG systems, groundwater wells, and gas probes and provide surface emissions monitoring at more than 100 landfill sites nationwide.
- **LFG to Energy** – We provide products and services at over 70 LFGTE project nationwide including the O&M of the Fresh Kills LFG to energy project for the City of New York.
- **Nationwide coverage** – We offer an extensive network of local offices, providing services responsive to our clients' needs.

## Progressive Waste Solutions (IESI) - 2011 Scholarship Sponsor

### About Us

We are the third largest non-hazardous solid waste management company in North America. We serve the needs of commercial, industrial and residential customers.

In Canada, we acquired our original assets in 2000 and today, BFI Canada serves the needs of the country's most populous regions across six provinces.

In the US, we acquired IESI Corp. in 2005, adding operations in the US south and the US northeast comprising 10 states. In 2010, we acquired Waste Services, Inc. (WSI) and added operations throughout Canada as well as in the state of Florida. BFI Canada, IESI and WSI exist under the corporate name Progressive Waste Solutions, which is listed on the Toronto Stock Exchange and the New York Stock Exchange under the ticker symbol BIN.

### Corporate Philosophy

We manage our business from the bottom up, putting decision-making in the hands of our seasoned local management teams who are in the best position to understand and meet the needs of our customers and communities. Our local managers are well versed in our business processes and market-focused strategies and understand that our foremost objective is continuous improvement.

We believe our bottom up approach to business and our guiding principles of continuous improvement, environmental stewardship, active community involvement, ongoing reinvestment and employee skills development are the keys to our success.

### Creating a Sustainable Future

In 2007, we diverted the equivalent recyclables of more than five million trees from landfills, beneficially reused more than two million tires, generated enough equivalent energy to power approximately 17,500 homes annually, and invested millions of dollars to upgrade our fleet and make our trucks as environmentally responsible as possible. We did all of this because it was the right thing to do. Our corporate challenge is the same challenge that we all face as citizens – trying our best to harmonize with nature and preserve the world for our children. We are addressing the future by adopting sustainable practices throughout our operations. As the operator of 22 landfill sites in Canada and the U.S., we are in a position to reduce greenhouse gas emissions and are putting in place the technology to do just that.

We operate landfill gas recovery systems at six landfill sites and will implement similar systems at several of our other sites in 2008. On our two largest landfill sites – Seneca Meadows in central New York and Lachenaie outside Montreal – we operate landfill gas-to-energy plants. Seneca Meadows and Lachenaie are at the forefront of landfill innovation.

At Seneca Meadows, 18 generators produce 17 megawatts of electricity per hour. We have also dedicated 200 acres to a "Renewable Resource Park" which will be home to businesses such as H2Gro, a hydroponic greenhouse company that will use the heat from the engines in our waste-to-energy plant to produce vegetables. In 2007 we received a permit that extends the life of Seneca Meadows into 2023, allowing us to continue serving the needs of the New York population and contributing to the Seneca Falls community.

At Lachenaie, our gas recovery systems provide a capture rate of emissions in excess of 90%. From our engine building onsite, we generate four megawatts of electricity per hour, enough to power 2,500 homes annually, and deliver much of this energy straight into the Quebec electrical grid.

Seneca Meadows and Lachenaie are just two examples of how landfills can make a difference for the environment.

Going forward, we plan to build gas-to-energy plants at our other sites as our landfills develop, and we will continue seeking out and developing new technologies to improve the environmental performance of all of our landfills. For example, at our Calgary, Alberta landfill, we are introducing a methane oxidation process to reduce methane greenhouse gas emissions.

For BFI Canada and IESI, the environment and the community are synonymous: care for the environment, and the communities we serve benefit and prosper; treat our communities with respect, and the environment will be safeguarded. This doesn't just mean being first-rate environmental stewards; it means raising the profile of the environment in our communities and raising awareness among our employees and our neighbors. Helping to make our communities a better place to live benefits us all.

## **Progressive Waste Solutions (IESI) (continued)**

### **Contributing to Our Communities**

Giving back in more ways than one is our way of being a good neighbor. We are proud of the resources we bring to our communities.

In all of our communities, we work with local suppliers and contractors to create and sustain local jobs. We make donations, both at the corporate and local level, to many charitable organizations. We typically provide hosting fees to the local communities in which we operate landfills, which has helped build community centers, skating rinks and libraries. And every year, we offer scholarships to students of environmental technology and environmental science as well as give to sports programs and school improvement projects.

Aside from financial contributions, we also donate our resources. Our people volunteer their time to clean-up projects in their cities and to local clubs and boards. We also give of our time to teach. We have worked in partnership with school boards and schools in both Canada and the U.S. to enhance their environmental curriculum.

At our Lachenaie landfill site, we have reached thousands of students through our Mobius program and taught them about the benefits of recycling. At Seneca Meadows, we have constructed a community education center that opened in 2008. It includes a fully equipped science laboratory and an educational exhibit room that educates students and other members of the community about wetlands, recycling, waste management, alternative energy, environmental protection and environmental monitoring.

One of the most vital groups served by our donations is our emergency service organizations. From southern Texas to Ontario, our facilities help provide equipment, gear, and vehicles for our local fire, police and sheriff's departments. We also give to our ambulance services, Mercy Flight helicopter services and specialized emergency teams.

Last, but certainly not least, in the area of giving are the thousands of local service and community organizations that benefit from our financial backing. We believe that investing in service organizations, such as the Kiwanis, Rotaries, and food pantries will bring great returns to our communities. We also believe that supporting the myriad of local community organizations that come to us for help will make our neighborhoods better places in which to live and work.

### **Cornerstone Environmental Group - 2011 Scholarship Sponsor**

Cornerstone Environmental Group, LLC is an environmental engineering consulting and field service firm headquartered in Middletown, New York, which is dedicated to providing services to the solid waste industry and commercial and industrial clients throughout the nation. The firm was founded by industry leaders who have helped to develop and shape solid waste, energy, and environmental technology over the past 30 years.

Our staff shares a common vision - to serve clients with energy, integrity, and innovation. About 130 engineers, geologists, scientists, technicians and project support staff serve clients from 12 company offices and 11 satellite locations around the United States. New York offices include Greenwich, Middletown, and Rochester.

Cornerstone's team is recognized nationally for environmental expertise and well known in commercial and industrial settings, with experience assisting clients in the public and private solid waste arena, as well as commercial real estate, investment banking, renewable energy, and the pulp and paper industry.

Services include landfill engineering and design; site and civil design; environmental and remediation; hydrogeology; air quality; biogas; transfer, recycling, and processing facilities; and operations and maintenance.

Cornerstone has a long history of supporting SWANA, and is proud of contributing to SWANA's important scholarship initiative, which will help to train the next generation of leaders. Longtime New York area SWANA members include Richard A. Peluso, P.E., Tony Gregory, P.E., Prentiss Shaw, P.E., and Mark Swyka, P.E.

## Upcoming Events



WASTECON  
Nashville, Tennessee  
August 23-25, 2011  
<http://www.wastecon.org/>



North American Hazardous Materials Management  
Association's 26<sup>th</sup> Annual Hazardous Materials  
Management Conference  
Portland, Oregon  
September 26-30, 2011  
<http://www.nahmma.org/displayconvention.cfm>



Corporate Recycling & Waste Conference  
Orlando, Florida  
September 27-29, 2011  
[www.crwconference.com](http://www.crwconference.com)



SWANA 16<sup>th</sup> Annual Landfill Symposium 2011  
Orlando, Florida  
October 31-November 3, 2011  
[www.swana.org](http://www.swana.org)

## WASTECON in Nashville, TN

On August 23-25, 2011 WASTECON will take place in Nashville Tennessee featuring new technologies, practices and lessons learned. The Gaylord Opryland is an extraordinary location for the event which will highlight technical sessions featuring industry leading solid waste speakers, networking opportunities, including the Elvis Night Opening Reception and Wednesday Night Networking Event at Wildhorse Saloon, and the Exhibit Hall featuring hundreds of solid waste product and service providers.

## Welcome New NYS SWANA Board and Committee Members

The Board would like to welcome and share with you the new Board and Committee members.

**Bruce Howie**-Mr. Howie is a Vice President and Professional Associate at HDR Engineering, and serves as the Section Manager for the Waste Facilities Engineering Group in New York. He is responsible for overall coordination of the group's efforts in the design, permitting, operations and management of solid waste processing facilities. Mr. Howie has 14 years experience with the process and mechanical design, construction, facility retrofits, and operations and maintenance monitoring of various types of municipal facilities, especially energy-from-waste facilities. Mr. Howie is considered one of HDR's Practice Leaders for the development and operation of conventional and emerging energy-from-waste technologies. He is also a professional engineer in the state of New York.

**Anna Roppolo**- Ms. Roppolo was named Rockland County Solid Waste Management Authority Director of Finance in August 1, 2005. Ms. Roppolo is a Certified Public Accountant and began her career at Ernst & Whinney in Hackensack, New Jersey. Her municipal career began at the Town of Ramapo in March 1989 where she eventually became the Deputy Director of Finance. She was the District Treasurer at South Orangetown Central School District in Blauvelt, New York from September 2002 to July 2005. She was appointed as Executive Director of Rockland County Solid Waste Management on February 2009.

**Terry Laibach**- Ms. Laibach works for the NYSDEC covering the Region 3, Hudson Valley area. Her primary responsibilities involve anything related to recycling and composting within the 7 counties north of New York City. She has a true passion for the top of the solid waste hierarchy! She's previously served as a board member for both NYSAR3 and the Hudson Valley Materials Exchange. Terry was selected as Recycler of the Year in 2007 by NYSAR3 and continues to be an active member of the association. She currently serves on the planning committee for the NY Solid Waste Federation Conference and is a member of the Hudson Valley Regional Council's Solid Waste Committee. Terry looks forward to meeting new people and working on new initiatives for NY SWANA!

## Welcome New Members

### Board of Directors

During the annual member meeting held on May 2, 2011 members were asked to vote to approve the presented board of Directors. The following individuals were voted to the Board and will remain for a two (2) year term:

Jay Pisco, Bob Matarrazzo, Marty Bellew, Mark Swyka, Scott Menrath, Charlie Weidner, Peter Kuniholm, Anna Roppolo, Ted Pytlar, Debra Smith and Russell Rutkowski.

### FREE SWANA E-Sessions for Members

One of the many member benefits of the NYS chapter is free access to the National SWANA e-sessions. New York members receive an email each month announcing the upcoming sessions and providing an overview. Members can sign up for all the e-sessions or a specific one by responding to the email. If you are not receiving emailed notifications of the e-sessions, please verify your email address and member information by visiting the National website at <http://www.swana.org>.

### Missed the Annual Members Meeting?

On May 2, 2011 the Board of Directors held the annual members meeting at the Sagamore Resort in Bolton Landing, NY. To view the meeting minutes please visit [www.nysswana.org](http://www.nysswana.org)

Mr. Brian Fleury  
Senior Project Manager  
WeCare Organics, LLC

Mr. Robert W. Perry  
CEO  
Steuben Rural Electric Cooperative  
Generating Company, Inc.

Mr. Chris Smith  
LFG Parts Supply

Mr. Robert W. Perry  
CEO  
Steuben Rural Electric Cooperative  
Generating Company, Inc.

Mr. Douglas Wiedmann  
Secretary To the Board  
Town of Hempstead  
Sanitary District No. 2

Mr. Keith Eckels  
General Supervisor  
Town of Hempstead  
Sanitary District No. 2

Ms. Melanie Walrath  
Fiber Procurement Systems Support  
Rock Tenn - Solvay Mill

Ms. Marianne Whipple  
Strategic Fiber Procurement Manager  
Rock Tenn - Solvay Mill

Ms. Andrea Buck  
Fiber Procurement Coordinator  
Rock Tenn - Solvay Mill

Mr. Jonathan Babcock  
Project Manager  
Haley & Aldrich  
Mr. Richard Clarkson  
Chief, Facilities Section  
NYS DEC

Mr. Michael J. Garland  
Director  
Monroe County  
Department of Environmental Services

Ms. Jill S. Koehler  
Senior Manager  
Landfill Service Corporation

Mr. Joseph F. Spiezio, III.  
Managing Member  
R&S Waste Services, LLC

Mr. David Schuyler  
Project Manager  
Waste Management, Inc.

Mr. John H. Edwards  
Councilman  
Town of Islip

Mr. Steven J. Flotteron  
Councilman  
Town of Islip

Mr. Gene Parrington  
Councilman  
Town of Islip

Ms. Trish B. Weichbrodt  
Councilwoman  
Town of Islip

Ms. Sarah Stewart  
Recycling Specialist  
Onondaga County Resource Recovery  
Agency (OCRRA)

Jamie L. Tuttle  
School Recycling Coordinator  
Oneida-Herkimer Solid Waste Authority -  
NY