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Facility Spotlight: Sprout Brook Facility

In 1967 the Westchester County Board of Supervisors (now Board of Legislators) concerned with the imminent closing (January 1, 1969) of the Croton Point Sanitary Landfill, the increasing rate of refuse generation and the lack of progress on the part of municipalities to find local solutions to solid waste disposal, instructed its Committee on Public Works to study this matter.

After considerable review and discussion, the Committee reported to the full Board that the problem of municipal refuse disposal was of the utmost urgency and that the best solution from an economic standpoint would be to have the County address the problem.

Based on the report of the Committee on Public Works the Board of Supervisors adopted Resolution No. 44-1967 in March of 1967 which stated in part that "the County Executive be authorized and requested to take such steps as are necessary to provide the Board with sufficient information and recommendations so as to permit it to act on the creation of one or more refuse disposal districts, to appropriate funds for land acquisition, refuse disposal facilities such as incinerators, composting plants, packer stations, etc., including the holding of a public referendum thereon if necessary". This resolution for the first time indicated acceptance of solid waste disposal as a County responsibility.



Solid Waste Disposal Agreement

On June 18, 1981, a Solid Waste Disposal Agreement was entered into by Westchester County, the Westchester County Industrial Development Agency (IDA), and Wheelabrator-Frye, Inc. Through an entity to be known as RESCO, Wheelabrator-Frye will construct a refuse-to-energy plant which will be capable of processing up to 15,000 tons of refuse per week, meeting all environmental regulations.

The operating portion of the agreement provides for Wheelabrator-Frye to operate the facility and to be responsible for residue disposal at a site provided by the County. The County IDA is responsible for the delivery of municipally collected solid waste in accordance with the IMA's.

Inter-Municipal Agreement

In the inter-municipal agreements ("IMA's") the County has agreed to arrange for the acquisition, construction and operation of a Solid Waste Management and Disposal System consisting of a resource recovery facility and transfer stations and to accept and dispose of all municipally collected solid waste of each municipality up to a specified maximum annual tonnage (equal to 110% of the nominal commitments of the Participants, or a current aggregate maximum of 461,350 tons per year). The County has committed to reserve 550,000 tons per year of capacity in order to allow for future increases in municipally collected solid waste ("MCSW"). Under the IMA's, each municipality has committed itself to deliver all of its MCSW to the County and to pay a user fee for such services. Each municipality undertakes a minimum payment commitment based upon its initial nominal MCSW tonnage commitment, irrespective of whether that tonnage is actually delivered. Each of the Participants has, prior to entry of waste into the system, the unfettered right to segregate and collect, for the purpose of recycling, items of solid waste, such as bottles, cans, newspapers, and corrugated containers.

Facility Spotlight: Sprout Brook Facility (Continued)

The IMA's assure that sufficient quantities of MCSW will be available for efficient operation of the facility. The user fee to be charged to Participants under the IMA's is to be set at a level sufficient in the aggregate to assure the County sufficient revenues from the System to reimburse all of its costs, expenses, and obligations.

Residue Disposal Site

In order to provide a site for the disposal of residue from the resource recovery facility, the County has purchased approximately 100 acres of additional properties in the Town of Cortlandt which were formerly used as a gravel pit. To be used for residue disposal, this site will have to be properly designed and engineered as required by State regulations. It will include haul roads, weigh scales, office space, equipment maintenance facilities, water, sewage, and electric facilities. The site is known as Sprout Brook and was acquired for \$918,000 in 1979.

The residue disposal site received ash from the Westchester Resco Facility in Peekskill up to October 2009. At that time the facility ceased accepting ash.



Westchester County is currently in the process of final closure of the Sprout Brook Residue Disposal Facility located in Cortlandt Manor, NY.

The facility will now undergo final cap construction that includes cap construction over the existing temporary cap areas on the south and the recently filled northerly areas. Also included will be final stormwater management modifications.

The design analysis is based on a co-extruded textured LLDPE geomembrane and is proposed to be incorporated into the cap to provide an impermeable barrier for the facility. A prime focus of the cap design was to evaluate the stability of the cap system. To address this, stability analyses were performed to identify the minimum interface friction angle that each component of the liner system must satisfy to maintain a factor of safety of 1.5 under peak shear strength static loading conditions, 1.2 under residual shear strength static loading conditions and 1.0 under peak strength seismic condition. The County pre-purchased the majority of the 40 mil textured LLDPE and

geocomposite drainage net to facilitate material availability to the construction contractor thereby accelerating the construction schedule and also reduce the overall cost of the project. The County plans to advertise for the construction contract in the next couple of months.

The design engineer is Greg Druback of Malcolm Pirnie. The client is Westchester County Commissioner Thomas Lauro, Deputy Commissioner Louis Vetrone and Director of Operations Mario Parise.

President's Message

WOW!!! That was a great conference in May at the Sagamore. If you missed it, plan early for 2011. 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. We also had a well attended and very informative technical seminar in June addressing Organic Waste Management. The Chapter is planning another technical seminar for November. Details will be distributed shortly.

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 and tell your fellow New Yorkers all about it. Please submit your information using the following link:

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. Have a safe summer!!!

Jay Pisco
President



UPCOMING EVENTS

E-Scrap 2010: The North American Electronics Recycling Conference

New Orleans, Louisiana
September 29-30, 2010

For more info: www.e-scrapconference.com

NYSASWM Fall Conference

Lake Placid, NY
October 3 - 5, 2010

For more Info: Jeff Bouchard, Fulton County
Department of Solid Waste, at (518) 736-5501

Northeast Recycling Council Fall Conference

Northampton, Massachusetts
October 26-27, 2010

For more info: _____.

Resource Recycling Conference 2010

San Antonio, Texas
October 26-27, 2010

For more info: www.rrconference.com.

Household Detergent and Nutrient Runoff Law

The Household Detergent and Nutrient Runoff Law (Chapter 205 of the laws of 2010), was signed into law by the Governor on July 15, 2010. This law will improve water quality in New York by reducing phosphorus runoff into the State's waterbodies. It will also reduce costs to local governments and private entities required to remove excess phosphorus from stormwater and wastewater, and will expand recreational uses of the state's waters.

Beginning August 14, 2010, the law prohibits the sale of newly stocked, phosphorus-containing dishwasher detergents for household use.

Retailers may sell-through any inventory of phosphorus-containing dishwasher detergent in stock as of August 14 for 60 days, or until October 13, 2010.

Starting on July 1, 2013, the law prohibits the sale of phosphorus-containing dishwasher detergents for commercial use. There is no change to the phosphorus limits for detergents used to clean dairy equipment or food processing equipment.

Lawn Fertilizers beginning on January 1, 2012, will be prohibited from using phosphorus-containing lawn fertilizer unless establishing a new lawn or a test shows that the lawn does not have enough phosphorus. It prohibits the application of fertilizer between December 1st and April 1st, but does not impact agricultural fertilizer or fertilizer for gardens

New York's law is modeled after legislation enacted by the State of Minnesota.

Spring Seminar Highlights Organics Recycling

A crowd of over 70 waste management professionals attended the SWANA-NY Chapter's annual Spring Technical Session in Albany on June 16 to hear about developments in the management and recycling of non-yard waste organics. The program featured presentations on efforts in both the private and public sectors to target what many see as the largest single remaining portion of the municipal waste stream yet available for comprehensive recovery.

Seminar topics ranged from adding supermarket food wastes to existing yard waste programs to the latest in-vessel technologies for processing food and bio-degradable items such as non-recyclable paper and utensils. Management challenges in dealing with organics were also addressed with the experiences of Onandaga County's aerated static piles and New York City's pilot projects with backyard composting among the New York programs highlighted. Developments in organics management in other states were also discussed in case studies on rotary drum systems in Marlboro and Nantucket, MA and the development of a 160,000 ton-per-year system by Peninsula Solutions in Wilmington, DE.

The high attendance for the Session is evidence of the growing interest in capturing more of the 40% of the waste stream that is still made up of non-yard waste organics. Some of this interest no doubt is the result of renewed regulatory focus on the issue: increased organics diversion is a key component of the draft New York State Solid Waste Management Plan - for which the state is currently seeking comments - which the state's planning units must ultimately use as a guide to their own local plans, and the EPA has announced a goal to double food waste recycling. The Session included an overview by DEC of the Agency's proposals with regard to organics management.

Among the most interesting things mentioned during the Session are recent developments in the production and marketing of bio-degradable packaging and other items to compliment the organics recycling industry, and the growth in markets for resulting compost materials. Both of these fields are likely to see significant ongoing attention and growth, with marketing a particular key to the success of organics waste diversion.

THE COMPLETE PROCEEDINGS OF THIS SESSION ARE AVAILABLE AT THE SWANA-NY WEBSITE (www.swananys.org)

The SWANA-NY Technical Sessions provide information on the latest developments in solid waste management and technologies for near-term use to meet the industry's challenges. They are held twice each year (Fall and Spring). The sessions are eligible for NY Professional Engineer credits and SWANA contact hours. The next Technical Session is scheduled for November 2010.

New York State E-Waste Law

New York State legislature passed a new electronics recycling law. The new bill attempts to limit the growth of hazardous waste in New York landfills by requiring manufacturers to accept used electronics from consumers.

By Jan. 1, 2011, any electronic scrap recycling or collection facility in the state must register with the DEC 30 days before accepting obsolete electronics. By March 1, 2012, electronics recyclers have to submit to the New York State DEC an annual report, including information such as the quantity, by weight, of electronic scrap received from consumers in the state; the name and address of each person to whom the collector sent electronic scrap during the reporting period, along with the quantity, by weight, of electronic scrap that was sent to each such person; and the weight of electronic scrap collected on behalf of or pursuant to an agreement with each manufacturer during the reporting period.

Additional key points of the law include:

- Manufacturers must pay \$5,000 to register with the program, and an additional \$3,000 each year in reporting fees to report to the state how much material they have recycled.
- Product manufacturers are required to take financial responsibility for the collection and safe disposal and recycling of used electronic equipment.
- Covers a broad range of products, including televisions, computer monitors, computers, keyboards, mice, printers and cables.
- Provides manufacturers with leeway to create collection programs that fit their specific business model so long as they collect the statutory minimum amount of waste each year.
- The bill has a provision to allow manufacturers to charge a fee to businesses with more than 50 employees or non-profit organizations with more than 75.

Passage of the state e-waste law was passed as part of larger deal that resulted in cuts to the state's Environmental Protection Fund (EPF) which provides support to many environmental programs.

Federation Spring Conference: Call for Abstracts

The Federation Spring Conference and Trade Show attracts over 700 public and private sector solid waste and recycling professionals to a technical program with 90 presentations and an expanded Trade Show that is supported by 120 major exhibitors.

The Federation is now accepting abstracts to be considered for the 2011 event. Presentations are 15 to 20 minutes followed by Q&A. Moderators are given flexibility of their format during a 1-1/2 hour session. Overhead, Power Point and slide projectors are provided by the Federation. Presenters must arrange for their own personal computers and slide carousels.

In recognition of speaker preparation and participation, the Conference Registration Fee is reduced for the presenter. For multi-authored papers, there is only one reduced Registration Fee per paper.

Below are a few suggestions for speaker topics; but, other ideas are certainly welcome to advance solid waste and recycling in the world of climate change.

Innovative Technologies
Landfill Expansion and End Use
Greenhouse Gas Emissions and Landfills
Innovative Landfill Operations
Beneficial Use of Closed Landfills
C&D Recycling
Electronic Recycling
Digital Television Upgrade & Effects on Recycling and Waste Disposal
Commercial and Institutional Recycling
Multi-Family Recycling Programs
Incentive-Based Recycling
Product Stewardship
Extended Producer Responsibility
Special Events Recycling
Composting and Biological Treatment
Food Waste Composting
Waste Minimization
Use of Waste Materials in Construction
Sustainability

Energy and Climate Change
Environmental Health
Global Warming
Carbon Footprint Reduction
Carbon Emissions Reduction
Debris Management
Zero Waste
Energy Recovery and Thermal Treatment
Beneficial Uses of Landfill Gas
Waste-to-Energy
Alternative Fuel
Solid Waste Collection and Transportation
Effects of Rising Gas Prices
Alternative Energy
Environmental Education

Abstracts Due: First Friday in November

Notification of acceptance, date, time and other panel participants: First Friday in December

Abstracts are only accepted via email. For more info visit: <http://www.nyfederation.org/CallForAbstracts.htm>

Increase Pharmaceutical Take Back Programs

A new bill that has passed the Senate looks at increasing pharmaceutical take backs by local communities.

Existing federal policy would be amended to allow increased take back programs for controlled substance medications easing the normally requirements of Drug Enforcement Administration approval. The current law requires certain controlled substances to be delivered to the DEA by patients authorized to use them. State and local collection programs are often hindered by these regulations.

Many residents in turn flush controlled substances down drains and toilets or discard the medications. Disposal is also a challenge for long-term care facilities that handle large volumes of controlled drugs.

The bill will give the Attorney General the authority to promote new regulations to allow patients to deliver unused drugs and controlled substances that would normally require DEA approval to "appropriate entities for disposal in a safe and effective manner." The law would address cases were in the event of a death, that anyone normally allowed to dispose of the dead person's property also can dispose of their medications. Long term care facilities are also permitted to dispose of the drugs on their residents' behalf.

The act, the "Secure and Responsible Drug Disposal Act of 2010," looks to reduce the abuse of leftover prescription drugs by teenagers, and at reducing crime caused by and related to the abuse and illegal movement of controlled prescription drugs.

2010 Scholarship Sponsors

The NYS Chapter would like to give a special thank you to this year's scholarship sponsors. The company sponsors are:



Woodard and Curran
\$1000 Sponsorship



Cornerstone
\$500 Sponsorship



IESI
\$500 Sponsorship

Interested in being a scholarship sponsor? For more details on the levels of sponsorship and the benefits visit <http://www.swananys.org/ScholarshipSponsors.htm>

All contributions are tax deductible as New York SWANA is a registered 5013C organization.

2010 Scholarship Results

The SWANA NY Chapter Scholarship Committee is excited to announce the 2010 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.

Category I

Lauren Laibach	\$1000
Deborah Swyka	\$500
Kristen Chelak	\$500
Benjamin Smith	\$500
Daniel Woodsinger	\$500
Allysa Curley	\$500

Category II

Robert Wasp	\$750
Evan Harding	\$750
Kevin Pytlar	\$250
Peter Kinney	\$250
Patrick Lusk	\$250

Category IA

Thea Lange	\$1000
Emily Portanova	\$750

In addition, the committee decided to forward the application for Lauren Laibach and Robert Wasp's to National SWANA for consideration of national awards.

Welcome New Members:

Mr. Matt Curley
Executive Director
Eastern Rensselaer County SWMA

Mr. James W. Wright
Executive Director
Development Authority of North Country

Mrs. Shannon Porter
Transfer Station Supervisor
Town of North Elba

Mr. Timothy Rose
Director of Operations and Safety
Ulster County Res. Recov. Agency

Mr. Troy Caruso
President
Diversified Construction Corp.

Mr. Louis P. Zicari
Associate Director
University of Buffalo Center For Integrated
Waste Management

Mr. William Schrader
Superintendent of Waste Collection
Oneida-Herkimer Solid Waste Authority - NY

Mr. Duane Beckett
President
SunKing Electronics Recycling

David Benjamin
Sales Manager
KP America Inc. - NY