

The New Jersey WasteWise Business Network

May 16, 2014

To: Members and Prospective Members of the New Jersey WasteWise Business Network

From: Steven Rinaldi, Chair
New Jersey WasteWise Business Network
NJDEP, Bureau of Recycling and Hazardous Waste Management

Subject: Minutes from the Network meeting of May 14, 2014

Minutes:

Welcome –Network Chair Steve Rinaldi (Steven.Rinaldi@dep.state.nj.us) welcomed everyone and mentioned that there were over 115 people registered for the meeting. Steve also discussed the mission of the national WasteWise program and its relationship to the New Jersey WasteWise Business Network, as well as the recent reorganization of his division, which is now called the NJDEP, Bureau of Recycling and Hazardous Waste Management (formerly was the NJDEP, Bureau of Recycling and Planning). Margaret Kevin-King (mking@pppl.gov) of the Princeton Plasma Physics Lab and the Network’s National WasteWise Advisor spoke briefly about the national WasteWise program. Ms. Kevin-King indicated that Waste-Wise Retrac Connect is up and running and that “partners” and “endorsers” should have received email updates about this. In addition, there will be training webinars on this topic on the following dates (contact Margaret at mking@pppl.gov if you have questions regarding the upcoming webinars):

May 27th, 11am - 12pm EDT
June 3rd, 3pm - 4pm EDT
June 10th, 11am - 12pm EDT
June 17th, 4pm - 5pm EDT
June 24th, 11am - 12pm EDT

Ms. Kevin-King also mentioned that the report deadline for Partners and Endorsers is May 31, 2014 and that the “Tracker Light” program has replaced the “WARM” program and is able to provide more graphs and reports regarding partners’ waste reduction and recycling activities. (PowerPoint to be available at www.anjr.com.)

1. The Sustainable Business Initiative – Athena Sarafides, New Jersey Department of Environmental Protection, Office of Sustainability and Green Energy, (Athena.Sarafides@dep.state.nj.us) - Ms. Sarafides indicated that sustainability is a broad topic

that encompasses waste reduction and recycling, among other issues. Furthermore, she mentioned some important sustainability initiatives that are underway, including Sustainable Jersey (see note below), the Garden State Green Hotels Project and her office's Sustainable Business Initiative and Registry.

(Note for those attendees that represent municipalities: Municipalities can earn five (5) points in the Sustainable Jersey program for being an EPA WasteWise “partner.” Visit <http://www.sustainablejersey.com/actions-certification/actions/#/open/action/107> for details. In addition, there are a number of Waste Management actions in the Sustainable Jersey program that municipal representatives should investigate. Visit <http://www.sustainablejersey.com/actions-certification/actions/> for details. Contact Samantha McGraw of Sustainable Jersey at 609-771-2938 or at mcgraws@tcnj.edu for additional information.)

The Sustainable Business Initiative and Registry is a partnership between the DEP and the business community that hopes to highlight the sustainable efforts made by many of New Jersey's businesses. It is a no-cost program that will initially focus on businesses with 100 employees or less, although it will be open to all. Similar to the Sustainable Jersey program for municipalities, there are a number of categories of sustainable activities that businesses can choose from in this program. Participating businesses must provide information on at least five of these activities, provide at least one measurable result for an activity adopted and provide cost savings for one activity. Participating businesses will benefit from the free marketing provided through the program, free information and technical assistance, informative webinars and the many opportunities for recognition. Ms. Sarafides stated that the program will be implemented later this year. (PowerPoint to be available at www.anjr.com)

2. Computer Reuse for the Advancement of Education - Mark DeTroia, President and Co-Founder, Computers for Kids of America, (mark.c4k@gmail.com) – Mr. DeTroia explained that the goal of Computers for Kids of America is to repair, refurbish, and then redistribute computer and electronic equipment to those in need. It was noted that 30% of Americans do not own a laptop or personal computer at this time. Computers for Kids of America is trying to change this by donating refurbished computers and electronic equipment to schools, churches, and organizations like Big Brother/Big Sister and the Boys and Girls Club. Computers for Kids of America accepts “anything with a plug” and strives to “upcycle” (repair and refurbish) as much of this equipment as possible. Items that cannot be upcycled are sent to one of the organization's partners for recycling. Any proceeds generated from the recycling process are put back into the organization's education programs for underprivileged children. Mr. DeTroia mentioned that the United States currently discards 300-400 million electronic items every year and that less than 20% of this “e-waste” is upcycled or recycled. (PowerPoint to be available at www.anjr.com)

3. Domestic and International Recyclable Paper Markets – George Chen, President, New Jersey Paper Recycling Association, GTTIC@aol.com – Mr. Chen began by saying that 2014 continues to be a very challenging and tough year for the paper and paper recycling industry. Nevertheless, Mr. Chen indicated that several U.S. paper mills have added new mill capacity recently that will keep more recovered paper tonnage in the U.S. Mr. Chen pointed out that single stream recycling remains a challenge for the paper recycling industry as glass continues to

contaminate loads of recyclable paper. This is especially significant in light of China's "Green Fence" policy, which is an enhanced inspection policy instituted by the Chinese government to ensure that loads of recyclable materials received in the country are free of trash and other contaminants. Loads that are rejected at Chinese ports are sent back to their departure point at a significant expense to the exporter. Mr. Chen indicated that despite these challenges total paper recovery in the U.S. exceeded 51 million tons in 2012 and that paper recovery for recycling has exceeded 60 percent each year since 2009. In terms of export markets, China remains the largest importer of recyclable paper from the U.S, with India a distant second. In looking at future market demand, Mr. Chen indicated that the recent slowdown in the Chinese economy will reduce the demand for old newsprint and various printing grades, but that demand for old corrugated cardboard will continue to grow. Mr. Chen stated that recycling program operators need to provide more education to residents in order to improve the quality of recyclable loads. He also indicated that operators of processing centers need to utilize the best sorting equipment possible to ensure quality control. Lastly, Mr. Chen Price stated that he believes that recyclable paper prices will remain steady and flat into the foreseeable future and that demand from India and Vietnam will increase over time. (PowerPoint to be available at www.anjr.com)

4. Case Study: Miele Inc. Sustainability Initiatives for Recycling, Waste Reduction and Environmental Responsibility – Steve Polinski, Senior Manager for Regulatory Affairs and Lauren Tait, Manager of Administrative Services, Miele, Inc. (spolinski@mieleusa.com and LTait@mieleusa.com) – Miele, Inc. is a German company that manufactures domestic and commercial vacuum cleaners, dishwashers, refrigerators and other appliances. The company's U.S. headquarters is located in Princeton, New Jersey. Mr. Polinski indicated that sustainability is ingrained in the company's corporate strategy and integral to the company's self-image. Miele, Inc.'s sustainable approach starts with its supply chain as the company looks for materials with a high percentage of recycled materials. This approach can also be seen in Miele's manufacturing processes. Among other factors, the company's production goals at its factories include the conservation of resources wherever possible. Mr. Polinski stated that the company's upper management supports the company's sustainability strategies and even strives to raise employee awareness of sustainability in everyday life. Miele, Inc. also plans to use innovation, such as its RemoteVision program to help consumers, the environment and the company's bottom line. In this program, an appliance that is not working properly would be able to transmit information to Miele so that the problem can be assessed in advance of a home visit. This could result in a service visit being averted, or if a visit is required, spare parts can be allocated to avoid a return visit. Ms. Tait spoke about some of the company's in-house recycling and waste reduction programs, among other things. In addition to recycling the traditional recyclable materials generated in an office setting, the company also tries to reduce waste by reducing the number of printers in the building so as to encourage the electronic sharing of information. The company plans to update its recycling information signs where needed and provide additional education to its employees about the company's recycling program rules. Ms. Tait mentioned the company has embarked on many other sustainable initiatives, including lighting retrofits, the purchase of Energy Star equipment and the use of a smart irrigation system at the Princeton site. (PowerPoint to be available at www.anjr.com.)

The following is the list of attendees for the 5/14/14 meeting:

Speakers:

Steve Rinaldi, NJDEP, Bureau of Recycling and Planning, Steven.Rinaldi@dep.state.nj.us

Margaret Kevin-King, Princeton Plasma Physics Lab, mking@pppl.gov

Athena Sarafides, NJDEP, Office of Sustainability and Green Energy,
Athena.Sarafides@dep.state.nj.us

Mark DeTroia, President and Co-Founder, Computers for Kids of America,
mark.c4k@gmail.com

George Chen, President, New Jersey Paper Recycling Association, GTTIC@aol.com

Steve Polinski, Miele, Inc., spolinski@mieleusa.com

Lauren Tait, Miele, Inc., LTait@mieleusa.com

Attendees:

Angela Anderson, Township of Long Beach, andersen@longbeachtownship.com

Scott Applegate, Supreme Asset Management & Recycling, sapplegate@reusableassets.com

Eric Babek, NJ Turnpike Authority, babek@turnpike.state.nj.us

John Bennevich, Subcontractor with the NJ Civil Service Commission, jbennevich@att.net

Neil Blitz, Township of Plainsboro, nblitz@plainsboronj.com

Angela Bonanno-Lynch, Bergen County Utilities Authority, abonanno-lynch@bcua.org

Albert Boufarah, Supreme Asset Management & Recycling, Al@samrinc.com

Ronald Breuer, City of Linden, rbreuer@linden-nj.org

Carol M. Broccoli, Rutgers University -Office of Continuing Professional Education,
broccoli@NJAES.Rutgers.edu

Jeffery Bryk, Waste Management, jbryk@wm.com

Mike Burton, Atlantic County Utilities Authority, mburton@acua.com

Stephen Bussiculo, Supreme Asset Management & Recycling, steve@samrinc.com

Salvatore Cammarata, William Paterson University, cammaratas@wpunj.edu

Paul Cascais, City of Summit, PCascais@cityofsummit.org

Pedro Carrasco, Hyatt Regency New Brunswick, pedro.carrasco@hyatt.com

Mike Ciocco, Borough of Barrington, mjciocco@comcast.net

Steve Cook, AGL Resources, scook@aglresources.com

George Crea, Hyatt Regency New Brunswick, george.crea@hyatt.com

Roseanne Crisafi, Bergen Community College, rcrisafi@bergen.edu

Raymond Cywinski, United Water, Ray.Cywinski@UnitedWater.com

Carole Dacey, Borough of Closter, cdacey@closternj.us

Dom D'Altilio, DeFeo Associates, mrd@nj.rr.com

Michael DeFortuna, Supreme Asset Management & Recycling, mike@samrinc.com

Sharon DelVecchio, Borough of Rutherford, sdelvecchio@verizon.net

Guy Dietrich, Sr., Mafco Worldwide Corp., gdietrich@mafcolicorice.com

Susan Dorward, Raritan Valley Community College, sdorward@raritanval.edu

Michael Downs, Campbell Soup Company, Michael_e_downs@campbellsoup.com

Bob Doyle, Cartridge World USA, bdoyle@cartridgeworldusa.com

Joseph Dringus, NJM Insurance Group, JDringus@NJM.com

Al Du Bois, City of Clifton, adubois@cliftonnj.org

Tom Dzedzy, SBM Site Services, Inc., tdzedzy@sbmcorp.com

Tom Elder, Township of Ewing, telder@ewingnj.org

Karen Evanko, New Jersey Manufacturing Extension Program, Inc., KEvanko@njmep.org
Sondra Flite, NJDEP, Bureau of Recycling and Planning, Sondra.Flite@dep.state.nj.us
Eric Gabrielson, ReCommunity Morris, eric.gabrielson@recommunity.com
Bob Gallione, Bergenfield Recreation Committee, rgallione@aol.com
David Gavura, McCarter & English, LLP, dgavura@mccarter.com
Marilyn Gettinger, New Directions Consulting Group, mgettinger@aol.com
Grace Goldbeck, Institute for Supply Management – New Jersey, Inc., ggoldbecknj@yahoo.com
Howard Halverson, The Valley Hospital, hhalver@valleyhealth.com
Lisa Hamilton, NJ Natural Gas Company, LHamilton@NJNG.com
Melissa Harvey, Somerset County Division of Solid Waste Management, Harvey@co.somerset.nj.us
Bill Havel, Alcatel-Lucent, william.havel@alcatel-lucent.com
Sherry Hawkins, Mannington Mills, Sherry_Hawkins@mannington.com
Lisa Hessman, Borough of River Edge, lhessman@bor.river-edge.nj.us
Paul Holstein, Hyatt Regency New Brunswick, paul.holstein@hyatt.com
Mark Hughes, Princeton Plasma Physics Lab, mhughes@pppl.com
Mario Ianiero, Complete Recycling Solutions, mIaniero@crsrecycle.com
Knud Jacobsen, Mil-tek NJ Recycling and Waste Solutions, kjacobsen@miltekusa.com
Mary Jerkowicz, Ocean County Dept. of Solid Waste Mgt, MJerkowicz@co.ocean.nj.us
Mike Kaufman, Cox Printers, mkaufman@conxprinters.com
Denise Kern, Sika Corporation U.S., kern.denise@us.sika.com
Nanci Krause, Township of North Brunswick, NKrause@northbrunswicknj.gov
Karen Kritz, NJ Department of Agriculture, karen.kritz@ag.state.nj.us
Marie Kruzan, Association of New Jersey Recyclers, anjr@optimum.net
Ernie Kuhlwein, Ocean County Dept. of Solid Waste Mgt, ekuhlwein@co.ocean.nj.us
Katie Kulenich, New Jersey American Water, Katie.Kulenich@amwater.com
Dana Lawson, NJDEP, Bureau of Recycling and Planning, Dana.Lawson@dep.state.nj.us
Bill Lehman, Waste Management, BLehman@wm.com
Kimberly Lehmann, Panasonic, Kimberly.Lehmann@us.panasonic.com
Pam Lewis, Watchung Environmental Commission, inspirational_air@yahoo.com
Clare Lumkong, Bristol-Myers Squibb, Clare.Lumkong@bms.com
John Lynch, Borough of River Edge, jlynch@bor.river-edge.nj.us
Russell Martin, Borough of Fairview, russsty@verizon.net
Dave Matthews, Bristol Myers Squibb, dave.matthews@bms.com
Tom McGeachen Sustainability Consultant, PE, LEED AP O&M, tjm35@njit.edu
Samantha A. McGraw, Sustainable Jersey, mcgraws@tcnj.edu
Bill Messmer, Township of West Milford, maintenance@westmilford.org
Margaret Michalowski, Monmouth County Board of Social Services, m.michalowski@att.net
Greg J. Moritz, Village of Ridgewood, gmoritz@ridgewoodnj.net
Joe Morrison, COPD Foundation / Drive4COPD, morrisonland@gmail.com
Pam Mount, Terhune Orchards, phmount@comcast.net
Tony Mrozak, Mrozak Energy, tmrozak@mrozakgroup.com
Susan Murray, WasteNot Solutions, smurray@wastenotsolutions.com
Kathleen Musante-Cross, Troemner, LLC, kmusante@troemner.com
Sarah Jane Noll, Chester Township, sjnoll@chestertownship.org
Patrick O'Brien, Borough of Old Tappan, PObrien@oldtappan.net

Rich Orlusky, United States Postal Service, richard.c.orlusky@usps.gov
Greg Pavlic, Township of Parsippany, gpavlic@parsippany.net
Scott Poole, Campbell Soup Company, scott_poole@campbellsoup.com
Joseph Puro, National Bulb Recycling, bulbrecycle@optimum.net
Nicholas Puro, National Bulb Recycling, npuro@nationalbulbrecycling.com
Anthony J Riviera III, Cumberland County Improvement Authority, triviera@ccia-net.com
Doug Robertson, Township of North Brunswick, Drobertson@northbrunswicknj.gov
Paul Romano, NJ Institute of Technology, paul.romano@njit.edu
Steve Rosenberg, Sika Corporation U.S., rosenberg.steve@us.sika.com
Audrey Rozger, Township of Woodbridge, audrey.rozger@twp.woodbridge.nj.us
Edward Russick, GTI, erussick@gti-e.com
Tom Ryan, Borough of Palmyra, tryan@boroughofpalmyra.com
Gordon Sabol, Waste Management, gsabol1@wm.com
Thomas Sahol, Township of Florence, tsahol@florence-nj.gov
Kyle San Giovanni, University Hospital, sangiova@uhnj.org
Suwmiya Satish, Honeywell International, sowmiya.satish@honeywell.com
John Scarpiello, Veolia ES Technical Solutions, john.scarpiello@veoliaes.com
John Schlegel, AERC Recycling Solutions, jschlegel@aerc.com
Jean Sedilo, Honeywell International, Jean.Sedilo@Honeywell.com
Nina Seiden, Passaic County Recycling Office, NinaS@passaiccountynj.org
Barbara Skacel, enviroCOP, LLC, wolf@enviroCOP.com
Wolf Skacel, enviroCOP, LLC, wolf@enviroCOP.com
David Sliker, Middlesex County Division of Solid Waste Mgt.,
David.Sliker@co.middlesex.nj.us
William Spindler, Borough of Hasbrouck Heights, WSpindlerHHDPW@gmail.com
Fred Stanger, Middlesex County Division of Solid Waste Mgt.,
Fred.Stanger@co.middlesex.nj.us
David Stires, Township of West Milford, recycling@westmilford.org
Kyle Tafuri, Hackensack University Medical Center, KTafuri@hackensackumc.org
Peter Tindall, Homasote Company, ptindall@homasote.com
Craig Truitt, Cumberland County Improvement Authority, ctruitt@ccia-net.com
Christine Vidal, Morris County Municipal Utilities Authority, cvidal@co.morris.nj.us
Diana Vigilante, Somerset County Division of Solid Waste Management,
Vigilant@co.somerset.nj.us
Guy Watson, NJDEP, Bureau of Recycling and Hazardous Waste Management
Gary Wohler, PSE&G, Gary.Wohler@pseg.com
Darryl Woods, Hyatt Regency Princeton, darryl.woods@hyatt.com
Alex Yaworsky, EMEX Power, ayaworsky@gmail.com
Alan Yoss, Laser Save, ayoss@lasersave.com
John Zajac, Sharp Electronics, Zajacj@sharpsec.com
John Zoller, Shiseido America, Inc., JZoller@sai.shiseido.com

SR: Minutes May 14, 2014