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Keystone

For the Solid Waste Professionals of the Keystone Chapter of SWANA

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A Message from SWANA President: Bob Zorbaugh



I would like to take this opportunity to thank all Keystone Chapter members and program sponsors for their outstanding support of

Pennsylvania last year. Later this year we look forward to another record setting turnout for our Annual Joint Fall Conference in September with plenty of outstanding educational, sponsorship and networking opportunities. The Chapter will also continue to work toward providing return to members in the form of college scholarships and growth for young professionals within our industry.

Chapter events and programs in 2015. We will strive to again provide outstanding educational opportunities and value added programs for membership in 2016. I would also like to thank Kay Dougherty for her years of outstanding service and dedication to the Keystone Chapter as she concluded her career as Chapter Secretariat. On behalf of the Board of Directors we welcome Chanda Martino who has filled the position of Chapter Secretariat. I am looking forward to 2016 as the Keystone Chapter will be providing some new educational platforms beginning in April with a Safety Summit program as well as numerous mini tech seminars on a variety of topics throughout the year. The keystone Chapter is again pleased to note that the 2016 Mid Atlantic Equipment Road- O will again be hosted by Northern Tier Solid Waste Authority who did an outstanding job bringing the event back to

This year also brings challenges for professionals in the solid waste management sector. We will need to work together to tackle issues such as unstable markets in the recycling community, lack of sustainable E-Waste recycling outlets and the impact on collection programs. I would encourage all members to get involved this year in one of our many committees to enhance chapter programs, provide ideas for seminar and conference programming and make a difference in the solid waste industry within Pennsylvania and beyond. The greatest resource in any organization is the individuals involved, so please get involved! We need you, let's make 2016 an outstanding year for Keystone SWANA. 🌐

*By: Robert Zorbaugh,
Keystone Chapter SWANA President*

We've Moved!!!

The SWANA Regional Office has relocated to:
**1610 Russell Road
Lebanon, PA 17046**

Harrisburg Welcomes New Transfer Station

LANCASTER, Pa. – The Lancaster County Solid Waste Management Authority (LCSWMA) just reached a major milestone in the transformation of the former Harrisburg incinerator site, with the opening of a new 29,800 square-foot facility at the Susquehanna Resource Management Complex (SRMC) in Harrisburg. The building adds transfer, maintenance, and administrative capacity to the site.

Constructed to address operational efficiencies and improve customer experience, the \$5 million transfer building will primarily be used for construction/demolition waste loads and smaller customer deliveries. This keeps residents and smaller hauling customers off the main tipping floor of the waste-to-energy plant and out of the way of larger garbage trucks. Benefits include improved traffic flow, reduced customer on-site time, and increased safety for customers and LCSWMA staff.

In addition to the new transfer building, LCSWMA has invested approximately \$8.6 million in other changes at the SRMC site over the last two years. Examples of such improvements include:

- 1) Moving the main site entrance to 19th Street,
- 2) Installation of a new scale house with separate inbound and outbound scales,
- 3) Numerous upgrades to the waste-to-energy plant, and
- 4) Substantial improvements to site aesthetics. These modifications not only enhanced the aesthetics of the site, but also increased site traffic flow and reduced on-site/cueing time by an average of 50 percent.

The transformation of the SRMC demonstrates both LCSWMA's standard of excellence, as well as a commitment to restoring the site into a community asset once again. To view photos of the transformation at the SRMC and learn more, visit www.lcswma.org/srmc.

LCSWMA is recognized nationally for its leadership in the solid waste industry and its innovative Integrated System. LCSWMA's mission is to manage solid waste and recyclable materials in an environmentally safe, reliable and efficient manner. 

Original Print Date: November 10, 2015
Submitted by: LCSWA



New Transfer Station Building at the Susquehanna Resource Management Complex (SRMC)

Suburban Testing Mini-Tech Seminar: In Review



Rich Stump (far left) from Suburban Testing Lab Leads a tour through the lab.

Suburban Testing Labs, an environmental testing lab in Reading, PA, hosted a “Day in the Life of a TCLP Sample” Mini-technical Seminar on October 23, 2015. Attended by ten registrants, Rich Stump, the Lab Director, welcomed the seminar attendees and provided an in-depth presentation of the Toxicity Characteristic Leaching Procedure, otherwise known as TCLP.

TCLP is designed to simulate the leaching a waste will undergo if disposed of in a landfill. I personally was quite surprised to learn what goes into the TCLP. Until the Mini-tech I thought it was a fairly simple proce-

dure. The fluid used for the extraction is a function of the alkalinity of the solid phase of the waste, so a preliminary pH test must be performed. Other preliminary tests also include filterable solids content and particle size.

Depending on the sample size, some extreme measures are taken to get a sample ready for testing. They’ve received samples such as paper products that have to be cut into small strips, concrete that has to have the particle size reduced (as in, smashing with a hammer) and even rocks that had to be crushed in an industrial vice with a very long pole for leverage.

Next, an extraction fluid is added at 20 times the weight of waste and then rotated for 16 hours or more. The sample is then filtered and tested for the toxicity characteristic constituents.

Rich also explained the difference between the TCLP and Synthetic Precipitation Leaching Procedure (SPLP), which mimics what might leach for in-situ conditions, with the fluid used in the extraction process depending on whether the site is east or west of the Mississippi River.

After the presentation, we followed the path a sample would take through the laboratory, and saw how quality control is maintained throughout the sample analysis. The Mini-tech concluded with a chance to network over lunch. 🌐

*Submitted By: Denise Wessels
Project Manager, SCS Engineers*



An Economic History of Leftovers

“Americans’ enthusiasm for reheating last night’s dinner has faded as the nation has prospered. At times, it’s been a moral act; at others, a groan-inducing joke.”

Irma Rombauer said she wrote *The Joy of Cooking* with “one eye on the family purse.” Maybe it’s not surprising, then, that the original 1931 edition had so much to say about leftovers. Rombauer carefully inventoried all the recipes in the book that could serve as vessels for leftovers, and she enthusiastically detailed her favorite all-purpose techniques, such as folding chopped leftovers (it didn’t really matter what) into waffle batter or mixing them with cream sauce and stuffing them into hollowed-out vegetables.



The Joy of Cooking
Circa: 1931

These tips resurfaced in editions of *The Joy of Cooking* published well after the Depression, but the tone on leftovers steadily shifted. In the early 1950s, Rombauer noted for the first time that too much budget-minded cooking could incite “family protest,” and she urged cooks not to think of leftovers as dreary. By the 1963 edition, the first published after Rombauer’s death, her daughter Marion Rombauer Becker drastically condensed the leftovers section and started it with a joke: *“It seems to me,’ the minister said, after his new wife placed a dubious casserole on the table, ‘that I have blessed a good deal of this material before.’”*

The truth was that by the 1960s leftovers were becoming a joke to a lot of people, with a grumbling husband and a mystery casserole playing stock roles. That humor was a direct result of abundance. In the postwar era, a historically anomalous food economy was coming to define American culture, as the cost of food relative to income

plummeted and even the poorest Americans were less desperate for calories than they had ever been. Leftovers were coming to seem less like a signal of household abundance and more like a drag. The best way to serve them, another joke went, was to somebody else.

“It was no accident that one of the first cookbooks devoted to leftovers was commissioned by a refrigerator company.”

Leftovers hadn’t been a joke to earlier generations of Americans. In the 19th century, in fact, Americans had rarely talked about leftovers as a discrete category of food at all. Cookbook authors then occasionally discussed “fragments” or “réchauffés,” but using up leftover food was so fundamental to everyday cooking and eating that most people didn’t have a special name for it. Breakfast was usually a meal of leftovers, the meat or beans or pie (or anything, really) left from the day before. Simmering stockpots were crucial catch-alls for kitchen scraps. Techniques like pickling, potting, smoking, and salting defined 19th-century cuisine because, before reliable refrigeration, cooking and food preservation were barely distinguishable tasks. Americans turned leftover milk into an array of longer-lived dairy products, and they drank whiskey and hard cider by the gallon in part because alcohol kept leftover grains and fruits edible long after they were in season. Foods that weren’t preserved had to be eaten quickly.

But by the turn of the 20th century, Americans’ relationship with leftovers was changing. Iceboxes were becoming standard features in middle-class homes, and early electric refrigerators soon followed. Refrigera-



Early Refrigerator
from 1927

tion made it possible to keep highly perishable foods edible for days simply by keeping them cool, and that prompted an enormous shift in American cuisine. A whole arsenal of home preservation techniques, from cheese-making to meat-smoking to egg-pickling to ketchup-making, receded from daily use within a single generation. The unique properties of coldness as a preservative meant that the same meal could reappear in virtually the same form, day after day. It was no accident that the term “left-overs” was coined in this era, or that one of the first cookbooks devoted to them, the 1910 *Left-Over Foods and How to Use Them*, was commissioned by a refrigerator company.

But even as refrigeration turned leftovers into a distinct culinary category, they still weren’t anything to laugh about. Americans in the early 20th century spent about 40 percent of their incomes on food, on average, and poor people spent even more. Diseases of malnutrition such as pellagra and rickets plagued the poor, and urban tenements were filled with families who never had the luxury of food uneaten between one meal and the next. Middle-class and wealthy Americans were often visibly bigger and taller than poor and working-class people because they had had access to ample calories during their childhood growth spurts. In this era, having leftovers and an icebox to put them in were status symbols.

Leftovers took on moral urgency in World War I, when the United States launched its first formal international food-aid program. Intended to provision European allies in regions where the war had upended food production and distribution, the initiative included a home-front conservation campaign focused on getting Americans to eat their leftovers. Propaganda instructed housewives to use up every crumb and to cook leftover-incorporating dishes such as goulashes and casseroles.

But another wave of pragmatism set in during the Depression, when, at the same time that tens of thousands of Americans were investing in *The Joy of Cooking’s* economical cooking advice, radio broadcasts sponsored by the U.S. Department of Agriculture reminded listeners of the crucial importance of eating leftovers in lean times. “Of course, if you’re the wife of a multimillionaire, you probably won’t bother much about leftovers,” winked one broadcast. For

everybody else, making the most of leftovers was both important and potentially pleasurable. And that pleasure came from creativity.

In fact, the economic imperatives of the Great Depression helped to usher in a golden age of leftovers, a three-decades-long stretch that was inspired by the family budget but sustained by aesthetics. Then, if it was a good thing to reheat leftovers, it was even better to mix them with sauce and sculpt rice rings around them. Transformation was key. Leftovers of all kinds could be hidden in a potpie, blanketed in crepes, chopped up and molded into meat loaf.

In the hands of an imaginative chef, leftovers were scarcely recognizable as such when they made it back to the table, but the goal was less deception than alchemy. One recipe for leftover carrots, for example, called for pureeing them, mixing them with breadcrumbs and seasonings, then re-shaping them into long cones topped with parsley so that they resembled, of all things, carrots—it was like painstakingly painting wood in faux bois. The elaborateness of such culinary stunts made the point that as the ultimate test of a cook’s skill and imagination, leftovers, maybe even more than first-run foods, could be art.

But leftovers’ glory didn’t last. By the 1960s, an enthusiastic approach to leftovers was coming to seem a little pathetic. The genre-busting leftover recipes of the previous three decades—the “Beef Put-Togethers” and the “Ham Banana Rolls with Cheese Sauce” and the gelatin salads quivering with “remnants from the relish tray”—felt off-putting rather than exciting. Leftovers were becoming a joke. A gelatin salad filled with leftovers might feed a lot of people, joked Peg Bracken, the author of the 1960 satire *I Hate to Cook Book* and its sequels, but that was only because so few went back for seconds.

A big reason for the growing aversion to leftovers was that by the 1960s Americans in large numbers were financially secure enough not to have to worry too much about wasting food. Americans were spending only about a quarter of their incomes on food by then, and that percentage was falling every year. All the scraping and planning that had to

See “Leftovers” continued on page 11

Out-House Racing Returns to Dushore PA



Race Winners: Team Nutz

The husky, middle-aged man seems like he'd be brusque even without the beer. But with a brewski in hand, standing on a sidewalk in this small town along with thousands of other people, he describes what everyone came to see.

*"You don't need have to go New York City. You don't have to go to Washington, D.C. You come to Dushore when the shi**house races are coming...I'm sorry, outhouse races are coming. You'll see everything you ever wanted to see."*

The outhouse races take place in Dushore, Pennsylvania, a town with a population of about 500. But every August during Dushore's Founder's Day celebration, anywhere from 3,000 to 5,000 men, women and children show up. When someone says that most of Sullivan County comes to the Outhouse Races, they're not kidding: Sullivan County's population is about 6,000, making it the second least populous county in Pennsylvania. The big day starts out normal enough with the

usual fare of clean, wholesome attractions like kids' activities, fried foods and arts and crafts. But at 7:00 p.m., it becomes a no-holds-barred party of potty humor, euphemisms and double entendre.

"One day I found a site for outhouses being raced on skies on a frozen lake," says Spencer Davis, a member of the Dushore Lions club, the group that hosts the Founder's Day celebration, *"I thought, 'Wow, that's a great idea.' So I was thinking that we could do it right in Dushore. But not on snow skis, that we could do it on wheels."*

The outhouse races have evolved from something that was pretty dangerous to something that's just kind of dangerous. *"The first year we only had, I believe, five outhouses and there wasn't really well defined construction rules and all that,"* Spencer explains. *"We didn't even think of steering so we had outhouses going all over the side of the road. So we tuned it up the second and third year and we included a steering wheel. That really made the outhouses a lot safer because the kids pushing these outhouses were really flying especially coming down towards the finish line."*

Back on Dushore's Main Street, an announcer on a PA system says, *"This is the real deal. This is the 2015 Dushore Outhouse Races coming at you live in just under an hour."*

So let's back up a bit.

An outhouse gets raced by a team of five people: four runners and one driver. While the materials and decorations can vary, there are a few musts when it comes to constructing a racing outhouse. There's a platform with three walls that have to be six feet tall. There must be a roof as well as a window in the back so the runners have at least a vague idea of where they're going. The driver needs a seat, a seat-belt and a helmet. After that, self-expression takes control.

So it's 5:30 p.m. and Maureen Sabia of Conshohocken is standing with a group of people a few blocks from Main Street. They are gathered around an outhouse. But it's not her usual outhouse. *"I guess in 2004 we came up and my dad needed a new chain for his chainsaw,"* she says. *"We came in and it happened to be Founder's Day."*

The next year they came back with their outhouse called Pepe le Poopa. But...*"This year one of the helpers behind the scene, he scrapped our outhouse the month before,"* says her fa-



The Divas are on Dooty

ther Donald Sabia. *"I found out Monday we didn't have an outhouse. If you don't have the parts and all that, you're not building it in a couple hours...so that's why some of our team's with Steiny this year."*

Steiny's Heiny's that is, which is the bright yellow outhouse with green letters that they're all gathered around pre-race.



THE Stieny's Heiny's

"So, Pepe le Poopa is no longer," says Maureen. *"No. But, we will be back next year,"* adds Donald.

Just up the street from Steiny's Heiny's is another outhouse team who's looking to 'arrest' the competition. Mike Boylan of Nazareth is with the Dushore Poolice, a team that has been in the races for about five years. He is animated as he describes the thought that goes into an outhouse design. *"You'll see some different variations. There's another team locally that has a really creative one, ultra light. The whole entire frame is like aluminum bicycle framing so it's really lightweight."*

While the Poolice has won the race in the past, this year their game plan is different. *"We used to have a bunch of high school track and field runners that would push this, but they're all in college now and they have jobs,"* Boylan

laments. *"So, this year now, we're just showing up. (The outhouse) is here again and people can see it again, but it won't be as competitive as it used to be."*

Make no mistake, the competition is real in the outhouse races, especially closer to the end. *"They're all athletes, really good guys, and they joke amongst each other. But when it gets down to the last couple of heats it gets actually very athletic,"* Boylan says.

Not all of the outhouses capitalize on potty humor. There's a team called Team Nutz and another called Red Rock Bears. But, the one entity that is a natural fit for Dushore's Outhouse Races is the town's plumbing and septic business. It's so important to them that they've got three entries: The Super Septic Suckers, The Second Super Septic Suckers and the Sexy Super Septic Suckers. Meredith Lambert and Justine McCarty of Dushore, are both in college now, but come back to the outhouse races for a few reasons.

"We're all in college and we all go our separate ways," says Meredith, *"but this weekend we all come back and hang out together. There is prize money, but there's also the glory,"* she says with a sarcastic glint in her eye.

"The Super Septic Suckers actually have a scholarship that they donate their prize money to," says Justine.

As the town clock tower strikes 7:00 p.m., the crowds clear off of Main Street and onto the sidewalks. Soon, colorful, wheeled outhouses begin to emerge from the bowels of Dushore's

side streets. An announcer warns the crowd to stay off the street during the races because it's not unheard of for an outhouse to swerve dangerously close to the sidewalk.

"Alright, so in our first qualifying heat," the announcer says, *"we have the Dushore Poolice versus The Perfect Dump."*

Sullivan County has only one traffic light and the outhouses will be racing through it. It's at the intersection of Main Street and Route 220 but the town can't shut it down for the whole event, so there are traffic guards waiting to close and open the road between heats.



Official Race Course

They race two outhouses at a time. The track goes a few blocks in one direction, through the traffic light, around a monument that honors Dushore's WWI veterans and then it comes back to the beginning. They have a staggered start to compensate for the slight difference in distance the two lanes take around the monument. The announcer assures the crowd that the two lanes have been meticulously measured for accuracy and fairness.

"Take it away Bob," the announcer says.

See "Outhouse" continued on page 9

Coming Soon: Safety Summit

Keystone SWANA is hosting a full-day Safety Summit scheduled for April 12, 2016 at the Best Western Premiere in Harrisburg. Anticipated topics include:

- Transfer Station Safety
- Landfill Fires
- Wellness Program (to reduce worker's compensation claims)
- Aging Workforce Issues
- And more!

Come join us at the Best Western Premiere, 800 East Park Drive, Harrisburg, PA 17111. 



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Earl "Skip" Graham, Jr. has Passed



Earl L. "Skip" Graham, Jr., 53, of Narvon, died Sunday, September 20, 2015, in a boating accident in Cecil County, MD.

Born in Narvon, he was the son of the late Earl L. and Geraldine (Patton) Graham. He was married 22 years on Aug. 7 to Pamalee (Goodwin) Graham.

Skip worked 40 years for the Chester County Solid Waste Authority, most recently as Operations Manager.

He had a passion for hunting and fishing and was a member of: Dutchland Hunting Camp, Beartown Sportsman's Association, Austin-Costello Sportsman's Club, New Holland American Legion Post 662, Coudersport American Legion Post 192, Chesapeake Bay Foundation, and he was a life member of the NRA. He also enjoyed helping with the Disabled Vets Hunt at the CCSWA Landfill.

Surviving in addition to his wife are two sons, Sean E. Moore of East Earl, and Jason M., married to Emily (Itnyre) Moore of Morgantown; a grandson, Nicholas R. Moore; a sister, Artist, married to Doug Givens of New Providence; and a niece, Debbie Cole of Lititz.

Preceding him in death is a sister, E. Joyce Toby.

A memorial service will be held on Saturday, Sept. 26, at 4 pm at the Groff-High Funeral Home, 145 W. Main St., New Holland. The family will receive friends from 2-4 pm. In lieu of flowers contributions may be made to the Dutchland Hunting Camp, c/o Ronald Fink, 356 S. Churchtown Road, Narvon, PA 17555. To send the family online condolences visit us at www.groffckenroth.com. 

*Submitted by Denise Wessels
Project Manager SCS Engineers*

"Outhouse" continued from page 7

Bob is holding a whistle. He shouts, "Three....two...one...." and then his whistle rings out amongst the cheering crowd as the eight runners launch the two outhouses down Main Street. The first-time outhouse race spectator's mind continually fluctuates between a state of excitement and a kind of bemused incredulity, mixed with a dash of fear and a readiness to flee if an errant outhouse should come barreling towards the sidewalk.

"Oh, the Perfect Dump making a strong push around the monument and on their way down maintaining their lane," the announcer shouts over the PA. *"Meanwhile, the Poolice have a lot of ground to make up if they are going to catch the Perfect Dump."*

The outhouses pass a NAPA Auto Parts store. They pass Dushore's local newspaper, The Sullivan Review, or "The Sully" as everyone here calls it. They also pass the Jolly Trolley, Dushore's old-fashioned variety store and soda fountain, which will house a collection of painted toilet seats. Fred Jugan, who lives in the town, says several artists paint toilet seats, which are later auctioned off. What's unclear is what anyone who actually wins one of the toilet seats does with it.

The outhouse races are an example of how small-town culture can lead to some incomprehensibly weird customs and traditions, but as they manifest themselves, there's an underlying reason for them. *"It brings a lot of people into the area for Founders Day. It's the parents and the grandparents and sib-*

lings and friends, aunts and uncles that are cheering on for the outhouse teams," Race founder Spencer Davis says. *"There's a lot of pride in ownership. Some of the fans have Super Septic Sucker shirts that they had done by one of the business here."*



The Dushore Police Departments own Poolice Outhouse.

The outhouse races continue for about an hour or so. While the novelty of the vehicles propels much of the popularity of the event, beyond that, it's just a race like any other – well, except for all the euphemisms and double entendre that can be used while narrating the events. The Perfect Dump did its business on The Poolice in the first heat. Divas on Doody got wiped out early on, the Red Rock Bears and the Super Septic Suckers both got pinched off, while the Sexy Super Septic Suckers don't even race anyone during their heat.

In the end, Steiny's Heinys squeezed out a third place win, while Team Nutz flushed down a number two Second Super Septic Suckers and were relieved to have taken number one.

"And there you see the outhouse racers sportsmanship, one of the finest hallmarks of this event. These guys

appreciate what they do and the know how hard it is to run one of these things. It is fun to watch but it is not easy to do. Thank you for coming out and watching and we're going to have the trophy presentations in just a couple of minutes." The announcer finishes the event.

After the top three teams have received their trophies, the crowd votes for best-looking outhouse by cheering for their favorite. *"Who says it's Divas on Doody?"* A lone woman somewhere screams. *"Who says it is Steiny's Heinys."* It's hard to differentiate random drunken shouting in the distance from actual voting. *"Who says it's the Sexy Super Septic Suckers?"* The entire crowd goes wild. *"I think we have a winner,"* the announcer laughs and they just cut the voting process short.

After the sun falls behind the hills surrounding Dushore, Main Street is blanketed in dusk. Crowds and outhouses fill the streets as pickup trucks crawl their way through the throng to transport their creations in trailers and pickup beds back to wherever it is racing outhouses come from. Incredibly, there's not a single outhouse nearby. But, the side streets are now filled with people heading back home as this quiet mountain town relieves itself of yet another year of the Dushore Outhouse Races. 🌐

Article by: Joe Ulrich

*Suggested by: Robert Hasemeier
Senior Managing Engineer, B&L*

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Note of interest—sponsors to either the Road-E-O or the annual Chapter meeting will receive a free advertisement in the next issue of the Keystone newsletter.

“Leftovers” continued from page 5



go into reincarnating leftover egg whites or boiled vegetables seemed a waste of time when those foods were cheap to start with. Don't bother, Peg Bracken advised readers: “When in doubt, throw it out.”

In fact, leftovers have always been uncomfortably close to garbage, and that proximity became glaringly obvious when leftovers lost both their economic and moral urgency. Facing the daily cost-benefit analysis of repackaging old meals for a reluctant family, home cooks increasingly just threw their leftovers away, albeit sometimes after letting them age in the back of the fridge for a while. Throwing away edible food was a prerogative of financial security, and Americans began doing it an awful lot.

And perhaps it was that very cavalierism towards waste, which in many ways defined American attitudes towards food for the rest of the 20th century, that is finally bringing leftovers back into fashion now. Today, Americans spend just over 10 percent of their incomes on food, on average—less than any people in the history of world. But food waste has come to seem unaffordable in other ways. More Americans are becoming aware of the externalized costs that go into food, from the water needed to grow it to the fuel required to transport it, cool it, and cook it, to the questionable government policies that keep certain crops cheap and the wages paid to farm workers miniscule. Gleaning and scavenging and scrimping have become righteous statements in some quarters. Foraging, meanwhile, has been elevated to high cuisine.

And then there's taste. Some things, such as fish and salad greens, are clearly superior when they're absolutely fresh. But a lot of other foods, such as soups and curries, taste better a day or two or three after they were made. It's an argument chefs have been making for a long time, and it seems to be finding new purchase on mainstream habits—leftovers might actually be entering another golden age. The Joy of Cooking, now in its online iteration, encourages the repurposing of leftover meats in tikka masala, Vietnamese bún bowls, and molé. Once again, the cookbook is effusing about the possibilities of leftovers—this time almost entirely from the perspective of pleasure. 🌍

By: Helen Veit - Oct 7, 2015

Suggested By: RFH

Fake Poker Chips Clog Toilets in Atlantic City



A man who smuggled fake chips into an Atlantic City poker tournament was sentenced to five years in prison in October, in addition to paying for clogged casino toilets.

Christian Lusardi, 43, entered a guilty plea to second-degree trademark counterfeiting and third-degree criminal mischief, according to the Press of Atlantic City. He was playing in the Borgata Hotel Casino's Winter Poker Open in January 2014. The Borgata tournament was suspended by the casino when the fake chips were discovered and then the New Jersey Division of Gaming Enforcement issued an order canceling the tournament. An audit of the Borgata chips used in the poker tournament found that 160 counterfeit \$5,000 chips were put into play during the first two days.

Lusardi must repay \$463,540 to the Borgata to tournament losses and \$9,455 for plumbing damage at Harrah's Casino Hotel. Lusardi, of Fayetteville, North Carolina, was staying at Harrah's during the poker tournament when he flushed the fake chips down the toilet in the bathroom of his room. Over 500 chips (with a value of close to \$2.7 million) were found in the pipes after hotel guests complained about a clogged sewer line.

"While Lusardi's bungled attempt to dispose of his phony chips was suitable for a Hollywood comedy, the truth is he committed very serious crimes in carrying out his high-stakes counterfeiting scheme," said acting New Jersey attorney general John J. Hoffman. *"In addition to facing a substantial prison sentence, he must pay nearly half a million dollars in restitution for sabotaging a major professional poker tournament."*

"Because of the large sums of money changing hands on their premises every day, casinos tend to attract counterfeiters, money launderers and other criminal schemers like Lusardi," said Elie Honig of the state's Division of Criminal

Justice. *"That's why we work closely with the New Jersey State Police and the industry to maintain maximum vigilance and aggressively prosecute crimes in the casinos."* 

By Clyde Hughes

Original Print Date: October 23, 2015

SCS Is Expanding

Denver, PA. – SCS Engineers has just opened a new office in Denver, Pennsylvania. The professional engineering staff currently serving clients in Reading has been joined by additional environmental consulting staff which moved to the larger office space on November 1, 2015. The new office is located at:

22 Denver Road, Suite E
Denver, PA 17517
Tel: +1-610-382-3050

Denise Wessels, P.E., and SCS Project Manager stated, "We are strengthening our commitment to the Commonwealth, and the new location enables us to broaden our environmental services in the region, including SCSeTools®."

SCS provides quality environmental consulting and construction services to municipal and private sector clients, and has recently expanded SCSeTools®, a platform for organizing big data collected at landfills. The tools collect data, and then organize the data into analyses, graphs, and maps that allow landfill owners and operators to predict, assess, and plan the operation and maintenance of their facilities. This insight helps with decision-making for operational excellence and helps to improve the bottom line. 



Atari Landfill Both Real and Profitable

Up until 2014 the “Atari Landfill” was something of a legend amongst gamers. Some people believed that it was just a rumor; that there was no way a major company would just go burying things in the deserts of New Mexico. Others believed it to be a secret space used to hide thousands of cartridges from the infamous “E.T. disaster”. But then someone dug it all up...

Last year, a stockpile of Atari game cartridges was dug up in a New Mexico landfill, and has now generated more than \$100,000 in the last several months. Joe Lewandowski, a consultant for film companies that documented retrieval of games, announced the figure at an Alamogordo City Commission meeting, last week.

About 850 games were sold on eBay, and the total amount was close to \$108,000. Atari games such as “E.T. The Extra-terrestrial,” based

on the 1982 Steven Spielberg film, and several other titles were unearthed during the time of the documentary. The game developed in over 34 days, is known as the worst game ever created. Buyers came from over 14 countries and 45 states. Lewandowski is now regarded as the city’s Indiana Jones.

Out of the total revenue, Alamogordo will receive about \$65,000, the Tularosa Basin Historical Society will get \$16,000 and \$26,000 will go towards shipping fees. Twenty three games will be showcased in museums across the world, including the Deutsches Film Museum in

Frankfurt, Germany and the Smithsonian in Washington, D.C. Lewandowski added that there are 297 cartridges in an archive, and they will plan what to do with them later.

Lewandowski said in a statement: *“I have a bunch of stories in this story book I hope to use some day and I have all their addresses and contacts. If it works out it would be fun to cruise around with a movie camera and film all these people. I’m hoping that if the second movie ever comes out, I can release some more games. It would increase their value for the city.”*



Stacks of Games found at the “Atari Landfill” Site

Lewandowski adds that he might sell the cartridges if a second movie comes out. About 60 titles, including Super Breakout, Asteroids, Missile Command and more were sold on eBay. Lewandowski is also planning to go before the City Commission on Sep. 22, to receive recommendations on what to do with the money.

City Commissioner Nadia Sikes thanked Lewandowski for the sale, and said that she was impressed with the sale. Sikes said that under no circumstances did she ever think that he was going to sell over \$60,000 worth of games. Lewandowski mentioned that he is more surprised than anyone, and he was proud to do and call Alamogordo E.T.’s final resting place. 🌐

By: Anirudh Madhav

Original Print Date: August 30, 2015

Source: <http://thenextdigit.com/25825/unearthed-atari-games-landfill-fetch-100k-ebay/>

SECCRA' s First LEGO League Challenge Experience



PennFLL Presentation

We generally host a handful of interested groups a year for tours consisting of a PowerPoint (15-20 mins) and a visit around the site with stops at our working face, LFGTE plant and UF/RO Treatment plant (leachate treatment). In mid August we were contacted by a group seeking to learn as much about the landfill as possible. It wasn't until the group was onsite that we learned about the reason behind their sudden interest in the landfill: First Lego League.

"FIRST LEGO League introduces young people, ages 9 to 14* (grades 4-8), to the fun and excitement of science and technology. Teams, composed of up to ten children with at least two (2) screened Lead Coaches, can also be associated with a pre-existing club or organization, homeschooled, or just be a group of friends who wish to do something awesome." (<http://www.firstlegoleague.org/mission/support>) The teams set out to complete a yearly challenge comprised of three elements: the Robot Game, Project and FLL Core values.

"In the 2015 FIRST LEGO League TRASH TREK Challenge, more than 233,000 children ages 9 to 16* from over 80 countries will explore the fascinating world of trash. From collection, to sorting, to smart production and reuse,

there is more to your trash than meets the eye. Join FIRST LEGO League teams on a Trash Trek to discover the hidden (or not so hidden) world of trash!" (<http://www.firstlegoleague.org/challenge/2015trashtrek>)

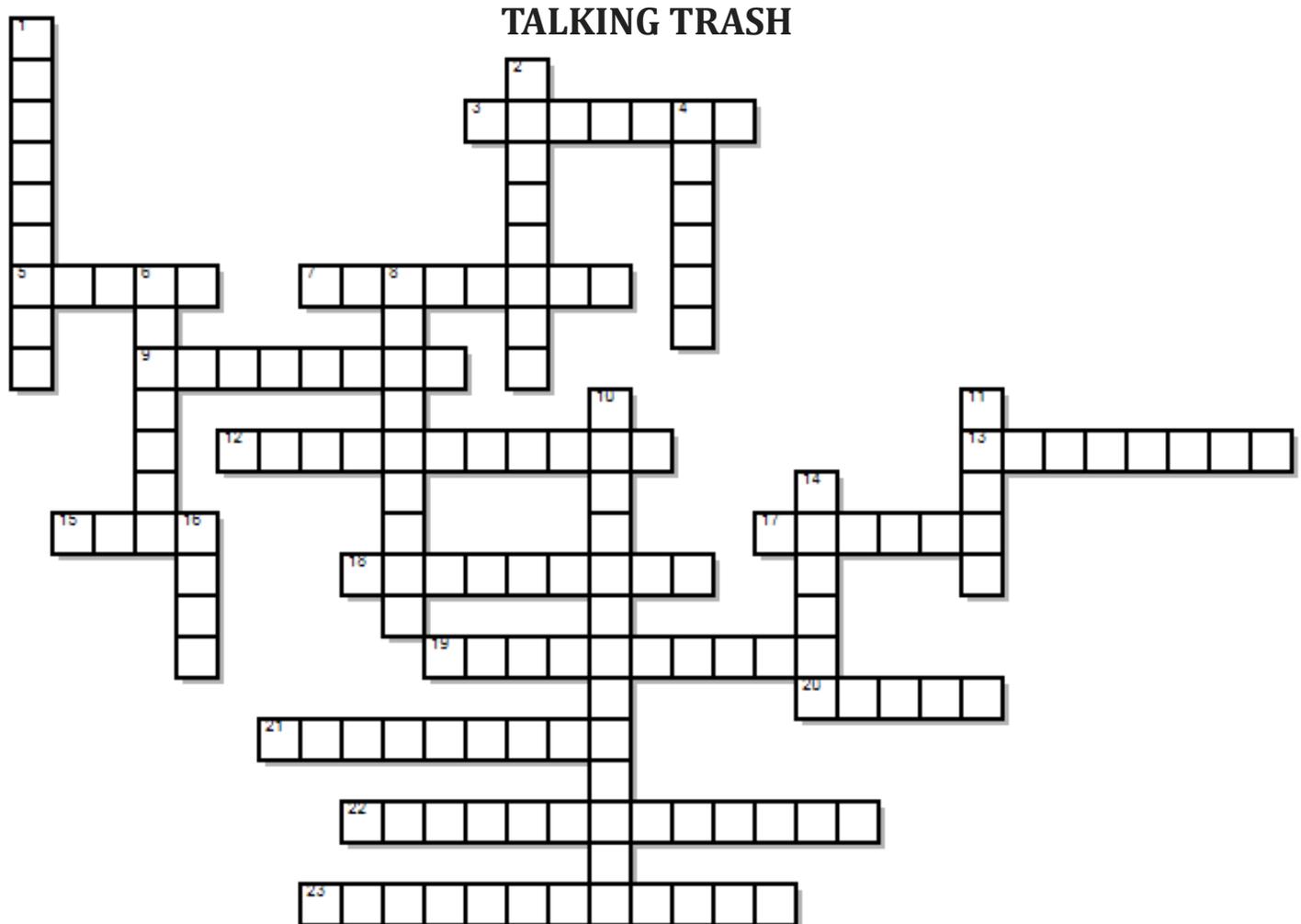
We contacted our local FLL chapter (Penn FLL) and offered our services to help in any way that we could. Penn FLL sent out our contact info to the local FLL teams and before we knew it, we were invited to speak at the Penn FLL kickoff (located at the University of Pennsylvania) and had 10 local teams signing up for tours and presentations. To date we've hosted approximately 200 kids onsite for tours and reached another 200 or so at the kickoff and the tour requests are still flowing in.

Teaching the kids about waste disposal and how we do what we do was a great outreach opportunity, but we wanted to take it a step further, so we volunteered to serve as project judges for the local FLL competitions. Judging the projects gave us the opportunity to see the next step in the FLL process. It allowed us to provide feedback on the ideas that the kids came up with and allowed us to guide them to enhance their projects in the hopes of moving on to the next round of competition. Seeing the kid's faces light up when they realized that they "knew" one of the judges was awesome and being a part of the learning process was priceless.

Getting a chance to speak with these kids (and parents) about who we are and what we do has been great. Many people outside the waste industry don't know what happens to their trash/recycling when it leaves the curb. Being able to provide them with a behind the scenes tour opens their eyes to the opportunities, challenges and rewards that the industry offers and shows them that responsible waste disposal will always be needed. 🌍

*By: Steven Burn, Environmental, Safety and Technology Coordinator
Southeastern Chester County Refuse Authority (SECCRA)*

Just for Fun - The Keystone Cross-Word



ACROSS

- 3 Dushore's 'Finest' Racers
- 5 'Life Beyond the Curb' Lecturer Last Name
- 7 Race Vehicle of choice in Dushore PA's Founders Day Celebration
- 9 Host Lab for Oct. mini-Tech Seminar
- 12 Approx. number of Chips flushed in AC
- 13 The 'T' in TCLP Testing
- 15 Earl Graham Jr.'s Nickname
- 17 PA City to See New SCS Office
- 18 Atari's Desert Landfill Site State
- 19 New Safety Position within SWANA
- 20 'One Mans Trash' Lecturer Last Name
- 21 The 'S' in SPLP Testing
- 22 Considered a 'Game Changer' for Leftovers
- 23 SWANA Advertisers Support Students by Funding these

DOWN

- 1 Alt. word for Rechauffes
- 2 "The Joy of Cooking" Author
- 4 New Keystone Secretariat First Name
- 6 Toilet Clogger in Atlantic City
- 8 Lego League Challenge Title
- 10 This 'Super' Team Won the Outhouse Races
- 11 Manufacturer of infamous E.T. Game
- 14 Lego League Challenge Host
- 16 Outhouse Team Name that is shared with a Cartoon Skunk

SWANA Launches Safety Ambassador Initiative

Silver Spring, MD – As part of the expansion of its safety program, the Solid Waste Association of North America (SWANA) is pleased to announce the launch of its Safety Ambassador initiative at its 45 chapters in the United States and Canada.

Under this new program, SWANA chapters will identify a member to serve as their Safety Ambassador. The Safety Ambassador becomes an immediate and useful local resource for other members to ask questions and get answers about important safety and compliance-related information. Safety Ambassadors will serve as safety leaders in their chapters, and are likely to speak at chapter events about how to reduce accidents and injuries.

“This initiative is an important example of SWANA’s effort to make safety part of the DNA of our association at every level,” said SWANA Executive Director and CEO David Biderman. “By having Safety Ambassadors in each chapter, members from coast to coast will have a go-to person for safety-related questions and information. This will be an important component of our effort to get the industry off of the federal government’s list of 10 most dangerous jobs.”

Several SWANA chapters have already appointed their

Safety Ambassador and look forward to working with their members and other industry professionals to help reduce accidents and injuries in the solid waste industry.

“Safety related incidents continue to plague our industry at a rate that is way too high,” said SWANA Florida Chapter’s Safety Ambassador Chad Grecsek. “As the newly appointed Safety Ambassador for the Florida Chapter, I look forward to this challenge and working with colleagues both in the public and private sectors to evaluate the data and identify innovative and proven solutions that aim to reduce health and safety related incidents.”

SWANA’s Safety Ambassador initiative is being sponsored by Alliance Wireless Technology, Inc. (AWTI).

“AWTI is proud to extend our partnership with SWANA to its new Safety Ambassador Initiative,” said AWTI/3rd Eye MobileVision President and CEO, Darrick Reed. “Efforts such as this strengthen and promote the most important principle we must all strive for ... making sure every employee and the public they interface with go home safe EVERYDAY.”

For more information on SWANA and its Safety Matters program, please visit www.SWANA.org. 

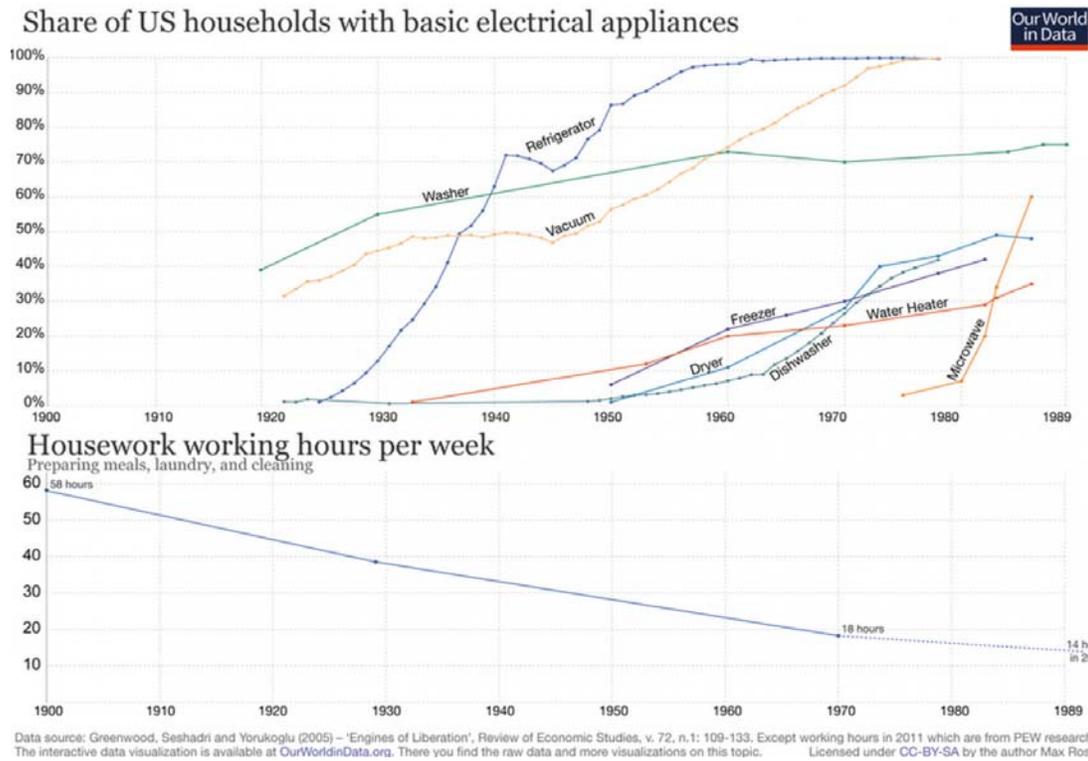


Most Disruptive Technology Is In the Home

When people talk about "disruptive technologies," they're usually thinking of the latest thing out of Silicon Valley. Technologies like the Smartphone, the computer and the Internet have, of course, dramatically changed the ways we live and work. But Max Roser, the researcher who runs the site Our World in Data, offered a great reminder yesterday that some

of the most historically disruptive technologies aren't exactly what you would expect.

This fascinating chart shows the dramatic rise in ownership of basic home appliances through the 20th Century, as the arrival of electricity in the American home gave rise to a revolution in consumer goods. Here's another view (below) of Roser's chart, which uses data from a paper by Greenwood, Seshadri and Yorukoglu in 2005.



Arguably, one of the most disruptive technologies of the last century is the refrigerator. In the 1920s, only about a third of households reported having a washer or a vacuum, and refrigerators were even rarer. But just 20 years later, refrigerator ownership was common, with more than two-thirds of Americans owning a refrigerator.

As Helen Veit wrote in a recent piece, that surge in refrigerator ownership totally changed the way that Americans cooked. As Veit writes, "...before reliable refrigeration, cooking and food preservation were barely distinguishable tasks." Techniques like pickling, smoking and canning were common in nearly every American kitchen. In case you missed it earlier, you can find the full article titled "An Economic History of Leftovers" on Page 4.

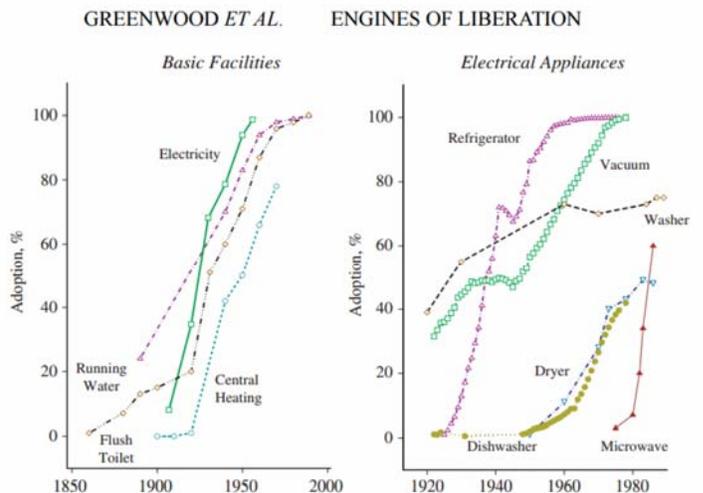


FIGURE 1
The diffusion of basic facilities and electrical appliances through the U.S. economy

The rise of other technologies was more gradual, but also transformative. Perhaps surprisingly, the percentage of households with washers went from 40 percent in 1920 to only 75 percent in 1990. Vacuums also started out slowly, then became much more common in the 1950s and 1960s. Freezers, water heaters, dryers and dishwashers were all relatively uncommon, but started to spread in the 1960s and 1970s.

Below you can find another chart from Greenwood et. al., which shows how the spread of electricity, running water, the flush toilet and central heating accompanied these changes. In 1890, only a quarter of houses had running water, and none had central heating -- meaning the average household had to bring home 7 tons of coal and 9000 gallons of water per year, Greenwood and his colleagues write.

These technologies were so disruptive because they massively reduced the time spent on housework. The number of hours that people spent per week preparing meals, doing laundry and cleaning fell from 58 in 1900 to only 18 hours in

1970, and it has declined further since then.

That change has made it possible for Americans to spend much more time at leisure and at work -- specifically for women, who were responsible for almost all housework, to get jobs and become economically independent. Just 100 years ago, most married women were working at home. Now, about 57 percent of working age women are in the labor force.

"The housewife of the future will be neither a slave to servants nor herself a drudge," inventor Thomas Alva Edison told *Good Housekeeping* magazine in 1912, according to Greenwood's paper. *"She will give less attention to the home, because the home will need less; she will be rather a domestic engineer than a domestic labourer, with the greatest of all handmaidens, electricity, at her service."* 🌐

By: Ana Swanson

Original Print Date: October 14, 2015



Source: US. Bureau of Labor Statistics

Shaded areas indicate US recessions - 2015 research.stlouisfed.org

Call to Young Professionals

Do you know any young professionals working in your organization?

SWANA is inviting Young Professionals (YPs), age 35 or younger, to join SWANA at a special price! New member YPs pay a discounted fee of only \$100 during their first year of membership.

Please consider sharing the information below with eligible young professionals in your organization and encouraging your YPs to join SWANA. And if you are a current SWANA member under the age of 35, please join the Keystone Chapter's YP group by contacting Tessa Antolick at tantolick@armgroup.net.

Why Join SWANA as a YP?

The opportunity to join SWANA will make a significant impact in a young professional's career. Empowering and engaging new professionals in the solid waste industry not only advances our field, it develops tomorrow's leaders and advances your organization as well as our local communities. SWANA members enjoy many benefits, such as:

- **Networking Opportunities** – Excellent networking opportunities exist to meet your peers locally and across the country at various events, conferences and through online resources.
- **Members Only Information** - Over 1,000 presentations are housed on SWANA's eLibrary including past presentations, papers and reports. Unlike random documents you may find online, the documents in SWANA's eLibrary have all been vetted by leading professionals within municipal solid waste management.
- **Chapter Involvement** - As a member of SWANA, you also become a member of the Keystone SWANA chapter. Connect with local members to discuss state regulations and MSW issues unique to Pennsylvania while increasing your network locally. You will also receive The Keystone, the chapter's newsletter pub-

lished three times a year.

- **Leadership Opportunities** - Members have the opportunity to volunteer for a variety of projects in different capacities. From writing an article to leading your chapter, the opportunities to accelerate your leadership skills are available to those up to the challenge.
- **MSW Management** - This bi-monthly publication is the official magazine of SWANA and provides members with the latest information on municipal solid waste management.

How Do I Join SWANA as a YP?

Join SWANA at the special YP rate* by visiting www.swana.org/Membership/JoinSWANA. Provide your birth month and year when prompted to qualify. *Note: The Young Professional Discount only applies to NEW members.

Your YP SWANA Membership ALSO includes a 1-Year FREE Technical Division Membership (a \$45 value) in one of 7 areas of interest to further focus your overall SWANA experience.

Looking to Get Involved in the Keystone YP Chapter?

Are you ready to help advance the solid waste industry and be a part of something bigger? If you are a current YP member of SWANA or a new YP looking to get involved with the Keystone Chapter's YP Group, please contact the YP liaison, Tessa Antolick. You can also log-in to your MySWANA account to connect with other YPs under the community tab, interact with us on Twitter @SWANA or check in with the YP LinkedIn Group.

Visit www.SWANA.org/YP411 for more information. If you have any questions, please don't hesitate to contact Tessa Antolick, Keystone Chapter Young Professional Liaison at tantolick@armgroup.net or by phone (814) 272-0455 x2205. 

Submitted By: Tessa Antolick

NYC Garbage Throughout the Ages

The 1920s and 1930s were transformative times for New York City's waste collection operations. The New York Academy of Medicine, the Museum of the City of New York and Archive Global are presenting a historical lecture series this summer on that story, called, "Garbage and the City: Two Centuries of Dirt, Debris and Disposal" in New York City.

Shifting Gears



In the 1920s and 1930s, The New York Academy of Medicine's Committee of Twenty and Street and Outdoor Cleanliness (a subcommittee of the Committee on Public

Health) actively worked to modernize New York City's waste collection system. These photos document the shift from old style open wagons to new enclosed garbage trucks right around 1930.

Talking Trash



The historical lecture series this summer features three lectures: "Hog Wash, Swill Milk & the Politics of Waste Recycling in Antebellum Manhattan," Catherine McNeur; "Noxious

New York: Race, Class and Garbage," Julie Sze; and "Life Along the Curb: Inside the Department of Sanitation of New York," Robin Nagle.

Pigs, Cows and Garbage



McNeur in her talk was to discuss how two controversies in the nineteenth century concerning local pigs and cows impacted the environment, politics, real estate, newspapers and other aspects of New

York City society. She is a Portland State University history professor and the author of "Taming Manhattan: Environmental Battles in the Antebellum City."

Waste and Environmental Justice



In her presentation Sze will examine the link between race, class and garbage, with a focus on how culturally and politically disenfranchised communities rework long-standing connotations between

polluted places and peoples. She wrote the book, "Noxious New York: The Racial Politics of Urban Health and Environmental Justice," and is a professor and the director of American Studies at University of California-Davis.

Sanitation Department Insider



Anthropologist Robin Nagle examines in her lecture some of the political, infrastructural, economic and cultural complexities that shape the dynamics of solid waste management in

New York City. Her background includes several years of ethnographic and archival research as well as her own experiences as a municipal sanitation worker.

Another Man's Treasure



The final lecture also features a 17-minute documentary film, "One Man's Trash," by New York University student Kelly Adams. The film focuses on Nelson Molina, a longtime Sanitation Department worker in New York who created a collection of objects found in the garbage, which he refers to as a museum of "Treasures in the Trash."



The New York Academy of Medicine has a long history of addressing questions related to New York City's sanitation infrastructure. 

By Waste 360 Staff Members

Original Print Date: July 2, 2015

Source: http://waste360.com/haulers/garbage-city-7-historical-views-new-york?NL=WST-03&Issue=WST-03_20150702_WST-03_666&sfvc4enews=42&cl=article_2_b&utm_rid=CPEQW00001136945&utm_campaign=4612&utm_medium=email&elq2=e00b1f43fd284aaf92b1952b5bfed7db#slide-0-field_images-199731

03_666&sfvc4enews=42&cl=article_2_b&utm_rid=CPEQW00001136945&utm_campaign=4612&utm_medium=email&elq2=e00b1f43fd284aaf92b1952b5bfed7db#slide-0-field_images-199731

seum of "Treasures in the Trash."

Cross-Word Solution

How did you do?

SWANA Pennsylvania Keystone Chapter Calendar



For more information, event registrations, and updated information please go to the Keystone Chapter's website:

<http://www.keystoneswana.org/>

Some events to plan for include:

February 2016

- **No Board Meeting Scheduled**
- Distribute Winter newsletter via email.

March 2016

- Thursday, 3/3 at 10 am, **Board Meeting, Conference Call.**
- Mail exhibitors and sponsorship announcement for 18th fall conference.
- Program Committee completes planning for Fall conference.

April 2016

- Thursday, 4/7 at 10 am, **Board Meeting, Conference Call.**
- Thursday, 4/12 at 9 am, **Safety Summit**, Best Western Premier Hotel and Conference Center, Harrisburg PA.
- Friday, 4/29, Chapter Scholarship Deadline.

May 2016

- Thursday 5/5 at 10 am, **Board Meeting at Modern Landfill, York ,PA**
- Friday, 5/20, **Mid-Atlantic Road-E-O** at Northern Tier Solid Waste Authority, Burlington, PA.
- Nominating Committee presents Slate of Officers and Directors for election.

June 2016

- 6/1, Deadline for submittal of Grant H. Flint Scholarship recommendations to SWANA Headquarters.
- Thursday, 6/2 at 10 am, **Board Meeting, Conference Call**
- Email registration announcement for 18th Fall Conference.
- Review annual budget.

July 2016

- **No Events Planned.**

August 2016

- Thursday, 8/4 at 10 am, **Board Meeting, Conference Call.**
- Program Committee prepares program for fall conference.
- Submit articles for summer newsletter.

September 2016

- Wednesday and Thursday 9/7 and 9/8, **18th Annual Fall Conference** at Hilton Hotel in Harrisburg, PA.
- Thursday 9/8, **Chapter Business Meeting and Election**, immediately following Fall Conference.
- Distribute Summer Newsletter via email.
- Chapter Fiscal Year Ends.



Chapter Officers and Board of Directors

▶ Officers

Bob Zorbaugh, President

Lancaster County Solid Waste
Management Authority

Bryan Wehler, P.E. P.G., Vice President

ARM Group, Inc

Larry Taylor, P.E., Treasurer

Greater Lebanon Refuse Authority

Sean C. Sweeney, P.E., Secretary

Barton & Loguidice

Tim Hartman, Immediate Past President

Township of Falls Authority

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Streets Department, Sanitation Division
City of Philadelphia

Jennifer Cristofolletti

York County Solid Waste Authority

Scot Sample

Northern Tier Solid Waste Authority

Mike Engel

Wayne Township Landfill

▶ Board of Directors Private Sector

Mark Pedersen

Republic Services, Inc. – West PA Area

Chuck Raudenbush, Jr.

Waste Management

Tom Lock

SCS Field Services

Michele Nestor

Nestor Resource, Inc.

▶ International Director

Bob Watts

Chester County Solid Waste Authority

► This Publication is for the Solid Waste Professionals of the Keystone Chapter of SWANA

The Keystone is published a minimum of three times per year (generally spring, summer, and fall). If you have ideas for future articles, updates, or general suggestions for The Keystone, please contact **Alison D'Airo** at Barton & Loguidice, Newsletter Secretariat Production Services, or any member of the Newsletter Committee listed below:

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Chapter members: please freely share this info with others that you work with or who have an interest in waste news in PA. **Please remember to send Chanda Martino, Chapter Secretariat, your current email address** as all future newsletters, as well as informational broadcast faxes and other communications, will only be sent via email. Her email is: chanda@keystoneswana.org. If you did not receive your copy of this newsletter emailed from Chanda, *you are not on our email list for news.*