



**SOLID WASTE
MANAGEMENT
CONSULTANTS**

In This Issue

GBB Transition: Harvey Gershman Now Founder Owner Associate; Steve Simmons Named President

GBB Assisting Taunton, Massachusetts with Long-Term Sustainable Alternatives as Landfill Scheduled to Close

page 2

State-of-the-Art Composting Facility Groundbreaking Ceremony in Prince William County, Virginia

New & Promoted GBBers

- Corinne Rico
- Angelita Lupetaliaami

page 3

Broken Arrow, Oklahoma Evaluating Collection Services with Pilot Project

New & Promoted GBBers

- Robin Davidov
- Ashlea Smith

page 4

New National League of Cities Report on Recycling Co-authored by GBB Project Manager Corinne Rico

Kent County, Michigan Sustainable Business Park Updates

Construction of Waste Processing Facility in Maine

WASTE OUTLOOK

Gershman, Brickner & Bratton, Inc. • SPRING 2019

GBB Transition: Harvey Gershman Now Founder Owner Associate; Steve Simmons Named President

On January 1, Harvey Gershman became GBB Founder Owner Associate while Steve Simmons was named GBB President. In his new role, Harvey, who co-founded the firm in 1980 and led it as President since its inception, will continue to provide valuable strategic guidance and business development assistance to the GBB ownership group and management team, acting as a senior advisor to provide internal peer review, quality assurance, and overall strategic guidance to clients.

Inspired by Earth Day 1970, he focused his professional career on helping communities and clients do better things with waste. He has become a recognized industry thought leader specializing in strategic guidance and infrastructure and services development assistance to solid waste service / system managers and owners. In 2013, the Solid Waste Association of North America (SWANA) presented him with the Robert L. Lawrence Distinguished Service Award, one of the highest honors in the solid waste industry, for his significant contribution to the solid waste management profession. In 1993 he was awarded SWANA's Professional Achievement Award.



Harvey Gershman, David Biderman (SWANA Executive Director and CEO), and Steve Simmons at GBB's headquarters in early January to discuss GBB's transition along with waste, recycling and sustainability issues.

"Actively leading GBB for over 38 years, and meeting so many passionate professionals in the industry, has been incredibly fulfilling."

In my new role, I look forward to mentoring both the senior management team and young industry professionals on the GBB team, and to continue to do valuable work with our clients."

-- Harvey Gershman
GBB Founder Owner Associate

Continued on page 2

GBB Assisting Taunton, Massachusetts with Long-Term Sustainable Alternatives as Landfill Scheduled to Close

The City of Taunton, MA's contract for operations of its landfill with a private-sector operator will expire when it is full and no longer permitted to accept waste, now estimated to be no later than December 2019. Recognizing that the benefits it has been receiving from the landfill operator will end in the near future and that it is necessary to develop alternatives to lessen the impact of losing the approximate \$3+ million in annual benefits that accrue to the City from its contractual arrangement, the City tasked GBB with reviewing its solid waste management systems and services.



Harvey Gershman with GBB Senior Project Manager Jennifer Porter at the City Council Committee on Solid Waste on December 18, 2018.

In December 2018, following a strategic review of the City's solid waste management services, contracts, and service providers in order to identify opportunities and develop a long-term vision for the future system and services, the GBB project team provided a briefing and a final report to present the findings of the analysis, discuss

Continued on page 3

New and Promoted GBBers!

Corinne Rico Project Manager



An experienced Project Manager who recently completed her Master of Science degree in Resilient & Sustainable Communities, Corinne focuses on helping clients manage waste and recover resources through alternative streams including recycling, composting, and circular economy initiatives. Initially joining GBB as a Senior Consultant, she was recently promoted to Project Manager.

Angelita Lupetaliaami Controller



A senior accounting professional with a background in economics, "Lita" has over 25 years of accounting experience in the architecture, financial services, and legal industries.

State-of-the-Art Composting Facility Groundbreaking Ceremony in Prince William County, Virginia

Construction of a brand new facility to process yard waste, food scraps, and wood waste in Prince William County, VA, was officially kicked off by a groundbreaking ceremony in December. Phased construction of the new facility in the second-most populous County in Virginia, located about 35 miles west of Washington, DC should take approximately two years. As per the innovative 20-year public-private partnership (PPP) agreement with a Northern Virginia-based firm, which includes extension options, organic material currently received by the County are processed by the contractor using existing processes while the new facility is under construction.

When completed, the facility will recycle more than 80,000 tons of organic waste a year into high-value compost, soil products, and non-synthetic fertilizers. It will also generate baseload renewable energy and environmental attributes; and it will produce sustainable and locally grown fresh fruits and vegetables for sale back into the community. New processes / operations at the facility will include:

- Advanced Aerobic Composting of Yard Waste
- Anaerobic Digestion of Food Waste
- Combined Heat and Power Production
- Greenhouse Operation



Thomas Smith, Prince William County Solid Waste Division Chief, addresses attendees of the groundbreaking ceremony.

GBB has been working closely with the County on the technical and economic feasibility study, planning and implementation of the Prince William Renewable Energy Park, and on the procurement process for this new state-of-the-art organics facility. Among the expected benefits of the PPP are the creation of 20-25 jobs, increased organics processing capacity, increased recycling rate, extended landfill life, and setting a solid foundation on which to build a comprehensive County-wide organic waste management program.

Learn more from local news coverage of the event:

- Prince William Times: www.princewilliamtimes.com/news/prince-william-county-breaks-ground-on-new-composting-facility/article_b97250ca-02df-11e9-be3e-c76a63e898b5.html
- WDVM: www.localdvm.com/news/virginia/construction-begins-at-balls-ford-road-compost-facility

Continued from page 1

GBB Transition: Harvey Gershman Now Founder Owner Associate; Steve Simmons Named President

Working closely with Senior Vice Presidents Chris Lund, P.E., PSS and Tom Reardon, Steve Simmons will lead GBB's senior management team, set the long-term path for the firm and continue its proud heritage of providing independent advice to clients. After first joining GBB as a Principal Associate in 2012, he became a member of the ownership group in 2016. He has worked both with engineering / consulting firms and energy companies throughout his 35-year career to help communities and companies alike develop programs and projects implementing the 3 E's of sustainability: environment, economy, and equity.

"I look forward to seeing GBB provide the same passion it has had over the years; steering it successfully through changes in the industry; keeping GBB a trusted leader; and maintaining a strong and capable group of officers and consultants who are experts in the Solid Waste Management industry."

*-- Steve Simmons
GBB President*

In a recent Q&A session with Waste Today magazine, Steve talked about his new role, the direction in which he hopes to lead the company and where he sees the waste and recycling industry going in the future: www.wastetodaymagazine.com/article/executive-qa-gbb-president-steve-simmons/

Broken Arrow, Oklahoma Evaluating Collection Services with Pilot Project

To assess the potential waste diversion, operational requirements, and program costs of implementing a full-scale curbside recycling collection program and adjusting the waste collection program, approximately 1,100 of the 38,000 households in the City of Broken Arrow, OK, are part of a two-pronged pilot program that started in late January.

For a period of 4 months, 580 households are piloting a two-cart system while another 515 households are piloting a one-cart system (recyclables in a cart and garbage in City-provided plastic bags, as in the current operation) to test the programs. Residents will provide feedback on the proposed recycling program, the conversion to once a week waste collection, and the use of rolling carts. Early results, based on the first week of the pilot, saw a recycling set-out rate in both pilot areas of approximately 43%.

The level of success of each pilot program will ultimately be evaluated by the GBB Project Team based on the level of participation, weight of various materials collected, the level of contamination in the recycling cart, and the cost of the program.

The pilot project follows a randomized, statistically significant telephone survey of Broken Arrow residents, performed by a team led by GBB, about their attitudes, opinions, behaviors, and engagement regarding their curbside garbage service, recycling, and the bag voucher system. The intent of the project was to gather information that could be used in decision-making about future revisions to the solid waste collection system, with a particular interest in adding curbside recycling service and in the billing/payment method. The GBB Project Team then prepared detailed cost analysis of one collection service option identified by the City's advisory committee, which led to the current pilot project. 🍋



Continued from page 1

GBB Assisting Taunton, Massachusetts with Long-Term Sustainable Alternatives as Landfill Scheduled to Close

strategies on how to advance Taunton's future solid waste management system and services, and get feedback. GBB is now working on the procurement and negotiations of services alongside the City of Taunton as it is developing long-term plans for solid waste management. Finding a sustainable solution that blends environmental responsibility and economic viability is of utmost importance to the City as it works together with GBB to identify and secure alternative option(s) for disposal over the coming months, including the potential for working cooperatively with nearby jurisdictions and alternatives to landfilling.

"We owe it to our citizens to find the lowest cost possible to provide this service."

*-- Thomas C. Hoyer, Jr.
Mayor of Taunton, MA*

"With the landfill closing soon, this project team is moving quickly to ascertain the best possible short-term and long-term options for the City of Taunton residents' solid waste services."

*-- Jennifer Porter
GBB Senior Project Manager*

Founded in 1637 by members of the Plymouth Colony, Taunton is one of the oldest towns in the United States. Located approximately 40 miles south of Boston, and 18 miles east of Providence, Taunton became a city in 1864 and now has a total population of approximately 56,000. Taunton's Department of Public Works is responsible for collection of solid waste and recyclables, including special collections for yard waste, from its residents plus City buildings and public areas. It also places dumpsters at neighborhood events and community functions and plays an active role in special cleanup programs. The landfill, permitted to handle up to 685 tons per day, provides for the disposal of municipal solid waste, non-municipal solid waste, municipal sewage sludge, and grit and screenings from Taunton's municipal wastewater treatment plant. 🍋

New and Promoted GBBers!

Robin Davidov
Principal Associate



A solid waste industry veteran, Robin has over 37 years of experience in sustainable waste management, renewable energy, recycling and organic waste. Formerly the Executive Director of the Northeast Maryland Waste Disposal Authority, she successfully led a wide range of projects and initiatives during her 30-year tenure. For the past 7 years, she has been an Independent Consultant. 🍋

Ashlea Smith
Marketing Manager



After joining GBB as Marketing Coordinator, Ashlea was recently promoted to Marketing Manager. A driven professional, she established herself as a key member of GBB's marketing team. 🍋

Construction of Waste Processing Facility in Maine



Fiberight has published an interesting video (youtu.be/dOR31qtVGh8) showing the progress of the construction of its Next Generation Recycling facility. The Coastal Resources of Maine waste processing facility, which is scheduled to start operations in June, will boast the largest anaerobic digester in Maine and process single-stream recycling and over 150,000 tons per year of household trash into value-added products for the fuel and recovery market in Maine.

GBB assisted Ultra Capital LLC, a sustainable infrastructure investment funds manager, in securing the \$45M bond financing, a key milestone for the development, construction, and operation of the new and innovative waste processing facility from a joint-venture between Ultra Capital and waste conversion project developer Fiberight.



SOLID WASTE MANAGEMENT CONSULTANTS

2010 Corporate Ridge
Suite 510
McLean, VA 22102
703.573.5800
hello@gbbinc.com

www.gbbinc.com

New National League of Cities Report on Recycling Co-authored by GBB Project Manager Corinne Rico

The Municipal Action Guide on recycling that GBB Project Manager Corinne Rico co-authored while a fellow in the National League of Cities' Sustainable Cities Institute was released last September. In addition to discussing how China's regulations affect cities, laying out short-term responses and strategies, and providing profiles of 3 cities that are pursuing ambitious goals, the report concludes with 7 recommendations to help boost the resilience of local recycling systems and achieve long-term sustainable waste management goals:

- Conduct an economic analysis of current waste management operations
- Work with contractors
- Ensure fees and rates reflect current costs
- Evaluate local policies and economic incentives
- Explore local and unconventional markets
- Consider your streams
- Examine asset ownership and consider infrastructure investments

Download the report via www.nlc.org/resource/rethinking-recycling-how-cities-can-adapt-to-evolving-markets and feel free to contact Corinne at crico@gbbinc.com with comments and questions!

Kent County, Michigan Sustainable Business Park Updates

A bold goal to divert, by 2030, 90% of County-generated trash that goes to landfills was set by Kent County, MI. Building a Sustainable Business Park is an essential part of reaching that goal, helping to significantly reduce trash buried in landfills and attract investment and jobs from companies that can convert waste into usable products. Developments in the past few months of this project, of which GBB is a proud Planning Partner, include:

September 2018 - Opening of Interactive Recycling Exhibit

Educating the next generations is key to the County's success with the upcoming Sustainable Business Park and circular economy system. With that in mind, a \$300,000 interactive, hands-on recycling exhibit was unveiled in September at the County Recycling and Education Center. The exhibit includes a wall depicting a landfill scene, with sound of heavy machinery. Visitors are then provided with a brief history of recycling, and the facility's recycling process is explained through educational boards and interactive exhibits. Visitors can also observe real, live recycling operations from the walkway overlooking the facility.

October 2018 - Plan Approval

The Kent County Board of Public Works formally approved the Sustainable Business Park Master Plan, setting in motion implementation of the ambitious project.

November 2018 - Dar Baas Interview

In a 12-minute interview on WKTV, Darwin Baas (Director of the Kent County, MI, Department of Public Works) discussed details of the Sustainable Business Park Master Plan. See the interview at: youtu.be/rFgNM8Qsxxg?t=52



March 2019 - Phase 2 Towards Plan Implementation

With an approved plan in hand, the County's project development team's task is now to turn it into reality. The initial step of this phase, starting in March, is to identify key goals for the Sustainable Business Park; determine their importance and weight; and review/score/rank the responses received during the Request for Information process. With the clock ticking on the three-year timeline to make the project a reality and avoid developing the 250 acres into a landfill expansion, the vision of the Sustainable Business Park is within reach. GBB is happy to be on the implementation team to make it happen.

For more information, visit the Kent County Sustainable Business Park section of GBB's website (www.gbbinc.com/KentSBP), for continuous updates on the project.