

2011 Chapter Awards

2011 James S. Bridges Solid Waste Professional of the Year – Joe Aquilino



Our award recipient has been with Best Equipment for almost a decade. In that time, he has been responsible for successfully assisting many Ohio municipalities solve their solid waste and recycling challenges. Our award recipient has been directly involved in automation start up programs in Bowling Green, Lakewood, Elyria, Wadsworth, Akron, and Independence to name a few. He is working on several more as we speak including assisting my client, Jefferson-Belmont Regional Solid Waste Authority with automating their recycling drop-off program.

Naturally, our award recipient has also been involved in equipment sales to cities which repeat their purchases of rear loaders, Toters, and recycling trucks. However, the reason our award recipient's reputation has skyrocketed in northern Ohio is his success in getting cities to realize the benefits of automation. The reason our award recipient deserved this award is because of his unwavering commitment to make sure these automation programs are successful from start to finish.

In addition, our award recipient works with each and every customer explaining all the benefits of automation and then most importantly, he guides his customers through the entire automation process. His customers absolutely trust him know that he knows how much is at stake. When a City

spends millions of dollars to automate, there cannot be any risk of failure. It must work for the sake of the budget, for the sake of the career of the solid waste manager, and for the sake of the Mayor's reelection efforts. So much is on the line. This is where our award recipient shines.

Our award recipient's efforts have had a positive and tangible impact on the budgets of many Ohio municipalities. The savings a City sees from automation may allow that City to put another policeman or two on the street. Its that important.

Our award recipient's efforts have absolutely made Ohio a greener place to live. Every City he has automated has had a major increase in their recycling volume and participation. Everywhere he has automated is now collecting their waste stream with fewer trucks which mean a smaller carbon footprint for that City.

Ladies and gentlemen, your 2011 James S. Bridges Solid Waste Professional of the Year, Mr. Joe Aquilino.

2011 Solid Waste Operator of the Year



Our award recipient operates a 250 acre landfill licensed by the Ohio Environmental Protection Agency (OEPA), which sits on a total of 400 acres. The licensed 250 acre landfill is divided into four waste cells, one of which is in current operation with the remaining three capped and filled. While 250 acres are currently in operation, the site is able to accommodate an expansion, allowing the landfill to operate for an additional 25 years. While daily tasks such as placement and compaction of solid waste is carried out by contractors, County Personnel are responsible for the general operation of the facility. Among many tasks associated with general operation of a facility, some include compliance reporting to the OEPA, closed waste cell maintenance, periodic landfill license renewal, and truck scale operation for the calculation of tipping fees. The majority of the facility's waste comes from contract haulers with a small amount of waste brought to the facility by residents and other occasional haulers. In addition, the County also offers and operates a recycling program which is overseen by the Solid Waste Division. Other notable achievements include exceeding the industry standard on compaction of waste, operating a landfill gas system with direct pipeline to local industry and they are currently evaluating alternative energy projects including wind and solar.

Ladies and gentlemen, your 2011 Solid Waste Operator of the Year Award goes to the great County of Lake. Accepting the award is Doug Bradley and Phil Spencer.

2011 Kevin M. Bonzo Solid Waste Innovator of the Year – Ohio EPA



Our award recipient is being honored today for their development of an innovative regulatory program called CLOSER which stands for **C**losed **L**andfills & **O**rphaned **S**ite **E**valuation & **R**ating Team. This program was set-up to address landfills that are no longer accepting solid waste, have enforcement actions complete, no company or personal assets available, have gas migration, leachate outbreaks or other environmental issues that impact public health, public safety and the environment. Funds for this program come from the financial assurance of the facility and our award recipient's remediation fund. The program identifies potential sites to be included in CLOSER, priorities them via a scoring system, prepares a scope of work to be completed by a contractor, review work plans and estimates from potential contractors, and recommends projects based on available funding and oversees contractor work.

One of the many sites remediated by the CLOSER program, the A&L Landfill, stands out as a great success. Our award recipient began closure of this facility in 2010 using an existing contracting mechanism, our award recipient solicited design-build closure proposals from three contractors, as well as allowing A&L to submit a proposal of their own for the closure. Due to the known presence of solid waste in the landfill, an on-going 'heating event' and significant odors, our award recipient required a synthetic barrier. As a result of recent slope stability issues with synthetic caps in Ohio, the design of the subgrade and frictional characteristics of the

primary barrier drove the design. Benches were excavated into the subgrade and potentially asbestos containing materials located near the surface were relocated as part of the significant subgrade preparation. In addition to the 40 mil textured LLDPE membrane, a 220 mil geocomposite drainage layer and a 160 mil geocomposite gas collection layer were key components of the design. All told, over 4,500,000 sf of geosynthetic materials were installed in just over 7 weeks! To protect the geosynthetic materials, roughly 140,000 cy of soil was placed as protective cover. To minimize costs, large boulders found on-site were mechanically sized and utilized as rip rap for drainage channels. All told, the 46 acre closure was completed in just 4 ½ months – including engineering design.

The A&L project was successful in every imaginable aspect – addressing regulatory concerns, establishing contracting mechanisms, streamlining design and construction activities, alleviating financial concerns and communicating with the local community.

Ladies and gentlemen, your 2011 Kevin M. Bonzo Solid Waste Innovator of the Year goes to Ohio EPA, Accepting this award is Pam Allen, Director of the Division of Materials and Waste Management, Bob Large with his wife Margaret and Harry Smail with his wife Barb.

Service Awards

Mike Stepic



Mike has been our president for the past year. Mike has provided great leadership for the Chapter. Mike navigated our quarterly meetings with a renewed sense of organization and time management. Mike also assisted in many of the committees of the chapter including chairing the executive committee, co-chair of the rodeo committee, chair of the communications committee and chair of the programs and arrangements committee. Today we want to recognize Mike for his service to the Chapter as president from 2010-2011.

Debra Shaw

Debra has been a board member since 2006. Debra assisted in many of the committees of the chapter including co-chairing the long range planning committee and was a member of the scholarship and nominating committees. Debra is the Director of the Clark County Solid Waste Management District and is leaving the Board and Clark County to pursue a new life in Florida. Today we want to recognize Debra for her service to the Chapter from 2006-2011.