

## **Resource Conservation Training**

### **Day 2 – Asset Specific Resource Conservation**

#### **Presenter Biographies**

##### **Heather Billings, MBA**

Green Business Specialist  
Center for EcoTechnology

Heather has worked for the Center for EcoTechnology for 5 years. She has a degree in Mechanical Engineering and a MBA in Sustainability as well as 20 years previous experience in the waste and recycling field. As a Green Business Specialist for RecyclingWorks, she uses those skills and experiences to make practical recommendations to businesses and institutions for reducing waste, increasing recycling and complying with the MassDEP Waste Bans. She specializes in assisting customers with questions or concerns about reducing, donating and diverting materials including food scraps and evaluating on-site or off-site methods and technologies.

##### **James Guertin, PE**

UTS Energy Engineering LLC

Jim Guertin is the founder and owner of UTS Energy Engineering in Quincy, MA.

Mr. Guertin has been an energy engineer for over 25 years. Jim's expertise lies in identifying, designing, evaluating, and implementing energy conservation projects. Specialties include compressed air systems, chillers, refrigeration systems, and renewable energy systems. He has extensive experience in metering energy systems and assessing the savings of energy conserving opportunities.

Mr. Guertin has done work in all sectors: industrial, institutional, governmental, commercial and residential. He has taken a lead engineering role in an Energy Service Company (ESCO) which included, among many assignments, the startup of two offices with 12 engineers and the management and development of a demand-side management program for a Middle Eastern country. At the Massachusetts Energy Office he ran their renewable energy grant programs. Mr. Guertin has had his own consulting company for over ten years. He received his Masters degree from Arizona State University and his undergraduate engineering degree from the University of Lowell.

Jim has received a number of technical awards and has given many technical and consumer-oriented lectures and presentations. Mr. Guertin has published several technical papers, and was a past technical reviewer for the ASME Journal of Solar Energy Engineering and other publications

**Morgan Harriman**

North America Zero Waste Project Manager

Sanofi Genzyme

Morgan Harriman manages recycling and waste minimization efforts for Sanofi, an integrated global healthcare leader, including Genzyme, Merial, Chattem and Sanofi Pasteur. She supports a North American service contract with Heritage Interactive for trash and recycling services supporting Sanofi's business units comprised of over 17,000 employees. Ms. Harriman is past President of the Southern New England Chapter of SWANA (Solid Waste Association of North America). Prior to working for Sanofi, Ms. Harriman worked at the Massachusetts Department of Environmental Protection as a Commercial Waste Reduction Planner, Town of Franklin, Massachusetts as a Recycling Coordinator and the City of Lewiston, Maine as a Recycling Manager.