



# **PYROLYSIS GASIFICATION**

## **E N V I R O N M E N T A L   A S S E S S M E N T**

**US Environmental Protection Agency**

**Facts:**

- US Environmental Protection Agency states that “waste-to-energy is clean, reliable, renewable source of energy.”
- US EPA believes that “America’s waste-to-energy facilities today meet some of the most stringent environmental standards in the world and employ the most advanced emissions control equipment. In addition, waste-to-energy facilities exceed the requirements of the Clean air act Section 129.”
- All waste-to-energy facilities comply with EPA’s Maximum Achievable Control Technology (MACT) standards.
- After analyzing the inventory of waste-to-energy emissions, EPA concluded that waste-to-energy facilities produce electricity “with less environmental impact than almost any other source of electricity.”

For more information, please visit: [www.wte.org](http://www.wte.org)

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## ENVIRONMENTAL ASSESSMENT

### Environmental Assessment for Oneida Energy

The Environmental Assessment for Oneida Energy was prepared by Bay Environmental Strategies Inc.

#### Q&A:

- Are there air quality concerns in the vicinity of the project that could have a negative impact?  
**NO!** All criteria pollutants are below Prevention of Significant Deterioration (PSD) thresholds.
- Will the project activity contribute excessive noise levels in the vicinity of the project?  
**NO!** The generators used in the facility will be isolated in rooms enclosed with eight-inch sound block.
- Are there toxic chemicals or radioactive materials stored or produced in the project area.  
**NO!** All waste components are non-hazardous and comply with EPA standards.
- What are the existing land uses adjacent to the proposed project?  
Bay Environmental Strategies Inc. conducted a site visit of the proposed project on Packerland Drive in October 2010. The site can be characterized as agricultural cropland located within the area zoned as Industrial.
- **CONCLUSIONS:**  
The proposed project would have **no significant impact on:**
  - the topography, soils, or local geology
  - floodplain
  - wetlands
  - recreation
  - biological resources
  - water supply, surface water, storm water, or ground water
  - air quality
  - transportation
  - noise
  - recycling, solid waste, or hazardous waste
  - energy