The Company

**Masada OxyNol™**, an affiliate of Masada Resource Group, LLC, owns all rights to develop Masada's proprietary waste disposal technology in the United States. Masada is staffed with experienced management, industry, and financial personnel. Masada has developed and patented a process that converts Municipal Solid Waste and Sewage Sludge to fuel ethanol and other commercial by-products.
Concentrated Acid Hydrolysis is the selective conversion [saccharification] of cellulose into their constituent sugars.

(Adapted from: Reigel’s Handbook of Chemistry, 8th Ed., 1983)
AUTOMATIC SEPARATION OF RECYCLABLES
MANUAL SEPARATION OF RECYCLABLES

Conversion of Cellulose to Sugar
Fermenting Sugar to Ethanol

Environmental Benefits

- Achieves 90% waste diversion
- Alternative to dumping/burning of garbage and land applying sludge
- Increased recovery of recyclables
- Produces Renewable Ethanol and Lignin Fuels
- Local solution to waste disposal
Middletown, N.Y. Project

- Full DEC and EPA permits
- 230K tpy MSW  75K tpy Biosolids
- Capacity designed to meet local needs
- Disposal price below current market
- Will generate approximately 9.5 million gallons of ethanol each year
- Sound project economics – project finance
- 24 Municipalities committed to supply waste
- Local union construction - 350 jobs

The Environmental Needs of New York City

- Long Term Garbage Disposal Option not reliant on exportation
- Long Term Solution for Waste Water Biosolids Disposal
- Renewable Clean Burning Transportation Fuel
- Disposal Option that meets existing DOS operations
- Long Term control of disposal costs
Summary

- World Class Team - Demonstrated Experience
- Long Term Solution at Competitive Price
- Meets existing Operations
- No New Science – Flexible
- Proven – Works Today