



Federation of NY Solid Waste Associations

***Deriving Biodiesel from Solid Waste
Providing Municipal Waste Stream Solutions***

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May 7, 2007 – Sagamore Conference



What is Biodiesel?

The Original Renewable Fuel!



- **Biodiesel is a fuel produced from municipal and private waste food based sources.**
- **Biodiesel can be used in unmodified diesel or Number 2 oil equipment**
- **Economically competitive, environmentally sound.**
- **Locally Sourced**



What is Biodiesel Derived From?



- **Virgin Agricultural Stock
(Commodity From Farms)**
- **Renewable Oils
(FOG – Fats, Oils, and Greases)**
- **“FOG” is rapidly becoming a major
problematic waste stream.**



Using Biodiesel in Municipalities



Municipal Uses of Biodiesel

- **Heavy Equipment** (John Deere shipping biodiesel in tanks)
- **Vehicles** (Jeep shipping diesel vehicles with B5)
- **Stationary Engines**
- **Generators**
- **Boilers**



Implementing Biodiesel



- **Initial usage – B5 / B10**
 - **Effects on Gaskets**
 - **Effects on Filters (compatibility)**
- **Storage**
- **Cold Weather (maximum blends)**
- **Handling**



Energy Balance And Choosing The Right Blends



- **Comparing The Energy Of Biodiesel With Petroleum Diesel**
- **B-20 “means” 20% Biodiesel**
- **Blends And Gelling**
- **Getting Your Lubricity Back**



A Solution to the “FOG” Problem



- **North American BioFuels Provides Unique Technology**
 - **Providing a potentially manifested final destination for Fats, Oils and Greases**
 - **Renewable, Clean Fuel**
 - **Competitively Priced**
 - **Readily Available**



**We would be delighted to talk with you
about “your” renewable fuel initiatives**

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**For facts, studies, and info visit:
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