Minor Source Air License

- Minor Source
- Fiberight Sources
  - Flare
  - Hybrid Thermal Oxidizer
  - Two Boilers – PHS as fuel
  - Odor Scrubbers
- Controls for Boilers
  - Multi-Clone / Baghouse – PM
  - Selective Non-Catalytic Reduction – NOx
  - Hydrated Lime Injection – Acid Gas, HCl, SO2
  - Activated Carbon Injection - Mercury
ODOR CONTROLS

• Handle MSW Inside the Building
• Limit Storage of Unprocessed MSW to **two days**
  • Use the Waste Management Plan discussed in the O&M to ensure MSW has low residence time
  • First in - First Out
• Maintain Building Under Negative Pressure
• Specifically located collection points
• Ambient Building Air Collected and Treated
  • H₂S reduced by 99%
  • Ammonia reduced by 95%
  • Volatile Organic Carbons reduced by 99%
ODOR CONTROLS (cont.)

• Daily Site Inspections for first 6 months then weekly
• Weekly MDEP reports
• Reporting and Response Protocol
• Trucks
  • Limit Truck Queuing Time
  • Preferential Off-load for Odorous Trucks
  • Schedule Trucks that are typically Odorous
  • Covered until they are at the Scale House
  • Leaking or improperly maintained trucks will be warned, waste will not be accepted from repeat offenders
FACILITY COMPARISON

- **ecomaine**
  - 170,000 ton/year
  - 550 ton/day acceptance
  - 2-3 days of MSW on tipping floor
  - MSW receiving area under negative pressure
  - Nearest Residence ≈1,900 feet

- **Fiberight**
  - 150,000 ton/year
  - Average of 650 ton/day acceptance
  - 2 days of MSW on tipping floor
  - MSW receiving area under negative pressure
  - Nearest Residence ≈3,500 feet