

# Local Solid Waste Management Plans in New York...Same Task, Different Approaches

R. S. LYNCH & COMPANY

RSL

*Helping Municipal Officials Make Good Solid Waste Management Decisions Since 1987*



*May 16 - 19, 2010*

**Solid Waste &  
Recycling Conference  
with Trade Show**



# Brief Overview of R.S. Lynch & Company, Inc.

---

- **R.S. Lynch & Company, Inc.** Provides Environmental Planning, Financing and Administrative Services with Emphasis in the Solid Waste, Landfill Gas and Renewable Energy Fields and has Been Ranked Among the Top Ten Solid Waste Advisory Firms, Nationwide, by Securities Data, Inc.
- **R. Stephen Lynch, President**, R. S. Lynch & Company, Inc., has provided solid waste and recycling planning services to over 30 New York public sector clients since 1987.
- Recent and Current Clients include:

Warren County, NY  
Warren & Washington County IDA  
Sullivan County NY  
City of Albany, NY  
NYC Economic Development Agency  
City of Montreal, Quebec  
United States Senate  
National Solid Waste Management Association  
National League of Cities



# Overview of Presentation

---

- The Planning Process
- Principles for “Next Generation” Solid Waste Planning
- Key Issues
  - Public vs. Private Sector Waste Management and Recycling
  - Landfilling vs. WTE for residuals
  - Flow Control Options
  - System Funding Options



# The Planning Process

---

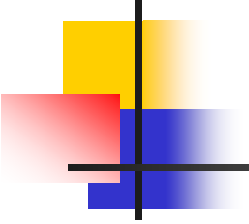
- Feature of NY Regulations Part 360
- Prescribes a Process but not a Result consistent with the Hierarchy
- Plan is Necessitated by Facility Permitting
  - New Facility Permit
  - Renewal of Existing Facility Permit
- The Role of Consultants
  - Maximize Role of PU Personnel
  - Minimizes Costs
  - Helps build "Buy-In"
  - SW Planning Consultants vs. Consulting Engineers



# Principles for “Next Generation” Solid Waste Planning

---

- SW Managers are able to do planning
- Avoid 4-volume LSWMPs
- De-emphasize EIS Model
- 10-year planning period
- Focus attention to top of the hierarchy:  
Reduction / Recycling /Organics Recovery



# Principles for “Next Generation” Solid Waste Planning – Contd.

---

- Robust education / enforcement
- Ensuring all sectors are included: Residential, Commercial, Industrial, Institutional and Public Space
- Hauler licensing
- Incentive based pricing / P.A.Y.T.



## Key Issue: Public vs. Private Sector Waste Management and Recycling

---

- State LSWMP requires the PU to plan, but not necessarily to be the provider of waste and recycling services
- Some municipal operations cost more than the private sector, some less
- Level of private sector competition may be important in determine cost levels



## Key Issue: Landfilling vs. WTE for Residuals

---

- Some of NY's 20 year old mass burn plants are cost effective vis a vis landfilling, some are not
- Large Landfills like Seneca Meadows offer highly competitive tip fees
- Even on a T&D basis, the landfills are hard to compete with
- Local control and environmental factors may weigh in favor of local WTE



Key Issue:

# Flow Control Options

---

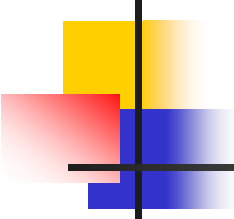
- Legislative Flow Control (Oneida/Herkimer) require publicly owned and operated facilities
- Collection Franchises
- Economic Flow Control



# Key Issue: System Funding Options

---

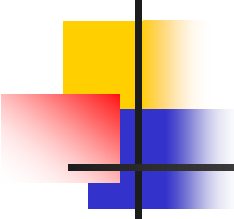
- Tip Fees Alone
- Tip Fees plus General Fund Makeup
- Flow Control
- User Fees



# Example: Warren County vs. Dutchess County

---

- Two 20+/- Yr Old Mass Burn Plants
- End of Term Warren 11/11, Dutchess 2012
- Recent Annual Throughput  
Warren=170,000tpy, Dutchess=145,000tpy
- Total Net Cost Per Ton...Warren \$50 avg. tip fee plus \$30/ton GF Subsidy=\$80/Ton
- Total Net Cost Per Ton...Dutchess \$70 avg. tip fee plus \$43/ton GF Subsidy=\$113/Ton, \$140/ton with full debt amortization



# Example: Warren County vs. Dutchess County – Contd.

---

- Flow Control
  - Warren: Not Under Consideration
  - Dutchess: Advocated by the RRA and the Legislature
- Public vs. Private Operations
  - Warren: WTE Plant Privatized in 2004
  - Proposal for 100% County Operation
- Future System Funding
  - Warren: Town-by-Town Determination, Collective Procurement, Individual Contracting
  - Dutchess: Tip Fees Enforced Through Countywide Flow Control Plus Countywide User Fee

# R. S. LYNCH & COMPANY

RSL

*Helping Municipal Officials Make Good Solid Waste Management Decisions Since 1987*



---

58 Coddington Lane  
Millbrook, NY 12545

(845) 677-6959  
rslco@earthlink.net