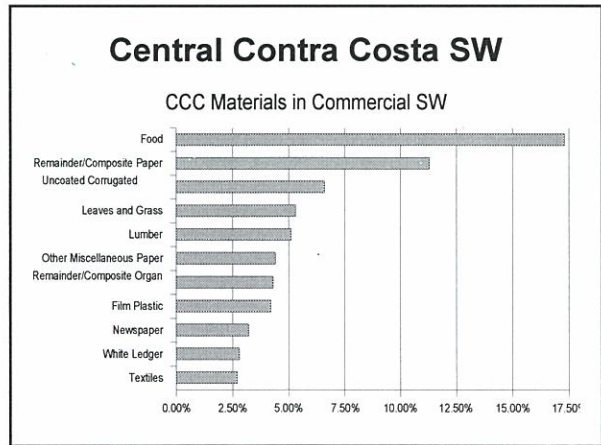
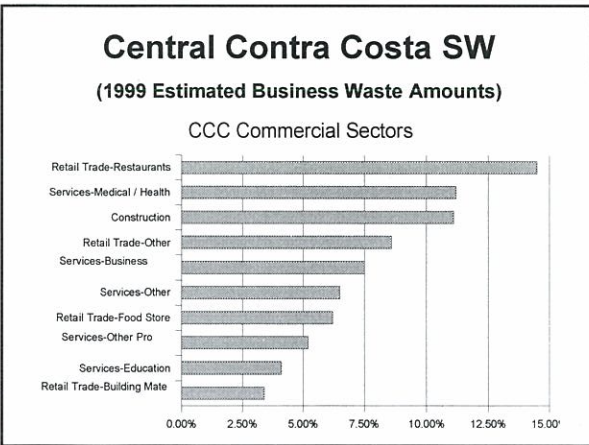


Commercial System Design Project

Presentation to
 Central Contra Costa County
 Solid Waste Authority
 July 30, 2009
 By Gary Liss
 Gary Liss & Associates
 916-652-7850, gary@gly.com
www.garyliss.com

CCC Commercial System

- 38 Commercial Permits
 - 80% of Services provided by 6 firms
- Permits Expire 9/30/2012
- Major Sectors
 - Commercial (Retail, Offices, Hospitality)
 - Multi-Family Dwellings (MFD)
 - Construction & Demolition (C&D)
 - Schools
 - Institutions
 - Self-Haul



Why Discontinue CCC Permits?

- Insufficient waste diversion
- Lack of performance standards
- Lack of controls on customer service
- Little reporting
- Staff not sufficient to enforce
- Services change with economy
- New State mandate (AB32)

AB32 Mandatory Commercial Recycling

- AB32 = Global Warming Solutions Act
- Air Resources Board Scoping Plan adopted December 2008
- Included Mandatory Commercial Recycling Measure
- Goal - Reduce GreenHouse Gas (GHG) by 5 million metric tons of CO2 equivalents
- Rulemaking to begin January 2010 and completed by end of 2010

AB32 Mandatory Commercial Recycling

- Materials to be covered?
- Thresholds: Types & Sizes of Businesses Required to Recycle
- What's included in "Recycling"
- Reporting and Enforcement Issues
- Implementation Issues

CCC Commercial System Options

- Exclusive Franchise
- Semi-Exclusive Franchises
 - District- or community-wide
 - By Collection Truck (FEL, Rolloff)
 - By Sector (Retail, Office, Food...)
 - By Materials (SW, Recyclables, Organics)
- Non-Exclusive Franchises
- Permits
- Combination(s) of above

CCC Commercial System Options

- **Franchise/Permit System Requirements**
 - Diversion
 - Health, Safety, Performance
 - Reporting
 - Franchise or Permit Fees to Allowing Agencies and Cities
 - Fees for Service OK for Generator
 - Definitions (Wastes, Recyclables, Source Separated)
 - Compliance with AB32

CCC Commercial System Options

- **Technologies & Markets**
 - Single-Stream
 - Wet/Dry
 - MRF Options
 - Composting
 - Digestion
 - Deconstruction
 - C&D Processing
 - Bulky Goods Reuse
 - Domestic Markets
 - Focus on Organics and Reuse

CCC Commercial System Options

- **Phased Implementation Strategy**
 - Information/Technical Assistance
 - Incentives
 - Bans and Mandates
 - Municipal Services
- **Political vs. Financial Capital**
 - Voluntary, Education & Incentives
 - New Rules & Advocacy
 - New City Programs

Resources

- www.ciwmb.ca.gov/LGLibrary/Innovations/default.htm
 - “Innovations” Case Studies on “Incentives” and “Business Recycling Policies”
- <http://www.epa.gov/epaoswer/non-hw/reduce/wstewise/wrr/rm.htm>
 - Waste Wise “Resource Management”
- “Strategic Recycling,” Kay Martin