

# Mandatory Commercial Recycling Regulation

Howard Levenson

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CalRecycle

# Goals

- Goal: Reduction of 5 million metric tons CO<sub>2</sub>E
  - 25ish million tons disposed by commercial sector
  - Will need to recycle about 3 millions tons by 2020
- Flexible for jurisdictions and businesses
  - Does not specify which materials must be diverted
  - Allows jurisdictions to design outreach/education/monitoring
  - Allows businesses various ways to recycle depending on local infrastructure
- Builds on existing AB 939 processes

# Draft Regulatory Requirements

- Businesses, public entities, and multifamily units of 5 or more that dispose 4 cy/week of solid waste are required to recycle using any combination of:
  - using franchise hauler(s),
  - arranging for pick-up,
  - self-hauling, and/or
  - using mixed waste processing



**Recycling is Good Business!**

# Draft Regulatory Requirements

- Jurisdictions must implement commercial recycling program that consists of:
  - **Education/Outreach**—informing businesses of state requirement and how to recycle in the jurisdiction
  - **Monitoring**—identifying businesses that aren't recycling and informing them of the State requirement
- Jurisdictions must report annually to CalRecycle
  - Electronic Annual Report
  - Commencing with 2012 Annual Report



# Flexibility! Flexibility! Flexibility!



- Jurisdictions have flexibility to conduct education / outreach / monitoring that meets their needs:
  - Can utilize existing programs, communication modes
  - Can implement an ordinance, policy or enforcement
  - Can phase in program components
- Enforcement not mandatory

# Draft Regulatory Approach: CalRecycle Responsibilities

- For jurisdictions on 2-year cycle, CalRecycle evaluation begins 2014 and continues every two years
- For jurisdictions on 4-year cycle, evaluation begins in 2016 and continues every four years.
- Measure emission reductions statewide

# Revisions in December Draft

- Business definition – added “public entity”
- Threshold – changed to 4 CY of waste instead of 4 CY of waste + recyclables
- Multi-family unit threshold – changed to 5 or more units and that generate 4 CY/week
- Transformation – clarified no change
- Mixed waste processing – added “comparable to source separation”
- Rural –clarified what constitutes good faith effort

# Timeline

| <b>Initial Informal Stakeholder Feedback</b> | <b>Draft Regulation Development</b> | <b>Additional Informal Stakeholder Workshops</b> | <b>Formal Rule Making</b> | <b>Adoption/ Implementation</b> |
|--|-------------------------------------|--|---------------------------|---------------------------------|
| July – September, 2009                       | September 2009 – December 2010      | June/Sept 2010; Jan 2011; June/July 2011?        | Fall 2011                 | 2012                            |

# The Connection Between Climate, Materials, and Business Development?

- Recycling captures “embodied energy” at manufacturing site and displaces use of fossil fuel and associated CO<sub>2</sub> emissions
  - Calculations for regulation based on ARB-derived California-specific emission factors, not WARM model
- But only about 20% of actual emissions reductions from this regulation will occur in California

## The Connection ... (continued)?

- We expect this regulation to increase demand for recycling services and recycling manufacturing facilities in California
  - Increased availability of feedstock
  - Interest in green job development
  - Concerns about export markets
- What incentives can be provided to move in this direction?

# More Information

- CalRecycle's web page at  
<http://www.calrecycle.ca.gov/Climate/Recycling/default.htm>
- Tracey Harper
  - [Tracey.harper@calrecycle.ca.gov](mailto:Tracey.harper@calrecycle.ca.gov) or 916-341-6531
- Marshalle Graham
  - [Marshalle.graham@calrecycle.ca.gov](mailto:Marshalle.graham@calrecycle.ca.gov) or 916-341-6270