

Today and The Challenges of Tomorrow

Howard Levenson
CalRecycle

Used Oil/HHW Conference
March 8, 2011

CalRecycle Realignment

- Director?
- Implementation of realignment
 - Meshing of grant programs
 - Meshing of local assistance programs
- Concerns from LAO, Legislature

Materials
Management &
Local Assistance
Division
Howard Levenson

Local Assistance &
Market Development
Branch (LAMD)

Cara Morgan

Financial Resources
Management Branch
(FiRM)

Shirley Willd-Wagner

Statewide Technical &
Analytical Resources
Branch (STAR)

Brenda Smyth

Funding Issues

- Fund stability - Solvency of CBCRF and IWMA
- CBCRF
 - Ongoing discussions about restructuring commitments against projected revenue
 - To avoid proportionate reductions and reduced program funding
- IWMA
 - Reduced revenues → cuts in Pys, loans, contracts, HHW grants, travel

Used Oil Program



SB 546:

- Restructures grant programs
- Incentivizes production of re-refined oil
- Increases incentive for recycling of used oil
- Allows flexibility for promoting new technologies

Used Oil Program

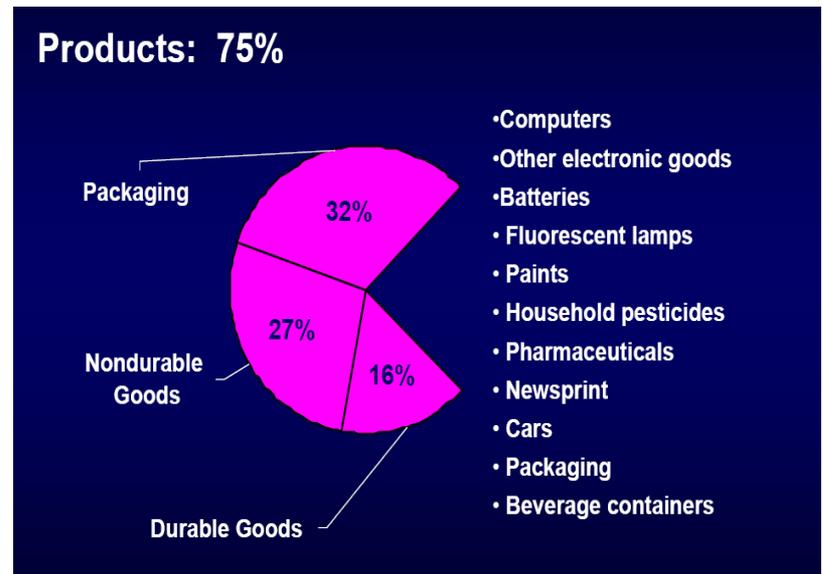
- Fund status
- New payment program status
- Lifecycle Analysis project
- Statewide education and outreach campaign
- CUPAs and Certified Collection Centers

Household Hazardous Waste

- Status of current cycle
 - Plan to post NOFA & application info in March
 - Awards by June
- Impacts of IWMA funding problems
- → Need for product stewardship/EPR

Product Stewardship/Extended Producer Responsibility

- Adopted EPR Framework in 2008
- Paradigm shift in responsibility for product end-of-life



Product Stewardship

- Two bills passed and signed in 2010!
 - AB 2398 (carpet) and AB 1343 (paint)
- Implementation regulations being drafted
 - Carpet workshop 2/22, paint workshop 3/10
- Paint issues
 - Role of local programs
 - CUPAs and retailers collecting paint

Product Stewardship

- Carpet issues
 - National MOU with goals
 - End-uses
- 2011 Legislative Session
 - March 8 Hearing
 - CalRecycle will use its Framework for analyzing new bills
- Prop 26
- 2 EPR contracts with UCB and UCSB

Climate Change

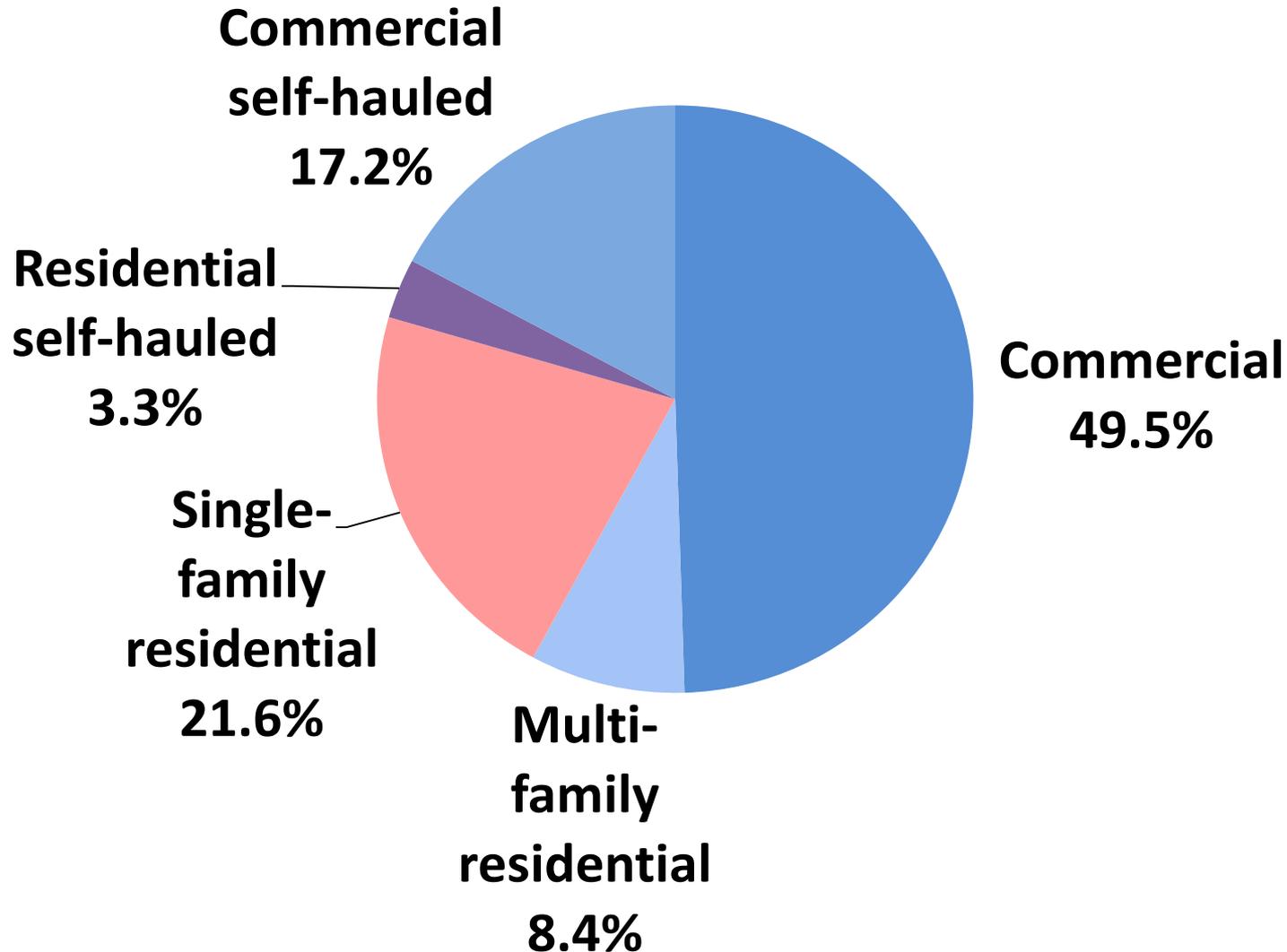
3 Macro Measures in AB 32 Scoping Plan

1. *Landfill Methane Control Measure*
2. *Increasing Efficiency of Landfill Methane Capture*
3. *High Recycling/Zero Waste Includes:*
 - Mandatory Commercial Recycling
 - Increase Production/Markets for Composting and Other Organics
 - Anaerobic Digestion
 - Extended Producer Responsibility
 - Environmentally Preferable Purchasing

2008 Statewide Waste Characterization Study



Contribution of Each Sector to Statewide Overall Disposal, 2008



Mandatory Commercial Recycling



- Target 5.5 million metric tons CO2E
 - 27 million tons disposed by commercial
 - 2-3 million tons more recycling by 2020



Mandatory Commercial Recycling

- Flexible for jurisdictions and businesses
 - Does not specify which materials must be diverted
 - Allows jurisdictions to design program
 - Allows businesses various ways to recycle depending on local infrastructure
- Builds on existing AB 939 processes
- ILG sample ordinance, webinars, case studies
- Rulemaking status
 - Schedule
 - Initial Statement of Reasons + Cost study

Other Climate Change Measures

- **Extended Producer Responsibility**

- 2 contracts with UCB and UCSB

Packaging debris on Hawaiian beach →

- **Environmentally Preferable Purchasing**

- Assisting DGS with implementation

- **Watershed-Friendly Landscape Guidelines**

- Assisting DWR with implementation

- **Organics**



Organics & Climate Change

- Increase Production and Markets for Composting and Other Organics Products
 - Organics LCA
 - Caltrans specs and workshops
 - Agricultural Compost Specifications
- Anaerobic digestion
 - Links to RPS, LCFS, 118 Transportation Fuels
 - Draft Guidance Document on How Anaerobic Digestion Fit Current Board Regulatory Structure
 - Programmatic EIR

APS Digester technology pilot, UCD



Anaerobic Digestion Projects

Yolo County Landfill – In Situ Anaerobic Digestion



UC Davis Biogas Energy Pilot Project



Composting Regulatory Challenges/Issues

- Air Quality
 - AQMD regulations re: emissions
 - US EPA New Source Review
- Water Quality
 - State/Regional Water Board re: salinity
 - Food safety
- CDFA
 - Licensing
 - Diseases/pests
 - Persistent pesticides

Organics Road Map



- Updated Organics Policy Roadmap
- Actions to increase siting and capacity
- Research, outreach, tools & enforcement

Future Issues

- Plastics, Packaging, and Litter



Efforts to Clean Up



- Ocean Protection Council
- Hospital Blue Bag
- Plastic bag Recycling
- Role of bioplastics?
- New bills on bag?
- Packaging stewardship?

More Future Issues

- Preventing Fraud
 - BSA Audit of beverage container recycling
 - E-Waste
 - Grants in general

More Future Issues

- Export issues
 - Exports of universal waste and non-covered E-waste
 - Impacts when export markets reduce use of California recyclables (especially fiber and plastics)
 - Domestic markets and infrastructure → green jobs
- Higher diversion – to zero?
 - How to increase demand, reduce more
 - How to site facilities, get financing
 - How to finance local and state programs

QUESTIONS?