



California Integrated Waste Management Board

Recycling and Waste Management Infrastructure Project

ESJPA Meeting - October 15, 2009



Mind Powered: Insight with Impact.

Infrastructure Project Goals

- Inventory all disposal and recycling facilities
- Model future flows and capacity gaps
- Provide tools to help evaluate policy & planning scenarios
- Public Web access to data by June 2010



How Could the Project Benefit You?

- Quick Access to CIWMB Information on Facilities
- Consideration of Regional Approaches
- Evaluation of Future Facility Needs
- Evaluation of Potential Impacts of Policies and Programs
- Consideration of Recycling Market Development Opportunities



Goals for Today

- Quick Overview of the Project
- Focus on Data Gathering
 - Approach
 - How You Can Help
- Next Steps



Project Status



- Developed preliminary approach & website:
<http://www.ciwmb.ca.gov/Infrastructure/Project/>
- Completed User Needs Assessment
- Refined Project Design
- Current Focus:
 - Website and Model Programming
 - Data Gathering & Management

Facility Inventory



- Consolidates different types of solid waste data at one website - one stop shopping
- Provides information on all disposal and recycling facilities - Board permitted and non-permitted
 - Name, location and contact info
 - Maximum capacity and total throughput in ranges
 - Diversion Rate
 - Materials handled - input and output
 - Mapped layers (category, county summary, etc)
 - User searchable and downloadable data

Capacity Projection Model

- Projects waste disposal by county through 2025
- Allows evaluation of user-defined scenarios:
 - Redirect Future Disposal to Diversion by Material
 - Redirect Organics to New Fuel/Energy Facilities
 - Elimination of ADC
 - Collapse of Export Markets
- Outputs: Summary of flows and capacity needs & gaps
- Public website tool with limited functionality
 - County or Statewide Only; Limited Scenarios
- Board Staff Excel Model with Robust Functionality
 - Any County; Pre-Defined Regions or Statewide; All Scenarios



Data Gathering Process

- Step 1: Start with CIWMB Data
- Step 2: Add External Published Sources
- Step 3: Consult Industry Professionals
- Step 4: Develop Preliminary Estimates for All Key Data Gaps
- Step 5: Up Load to Board Database
- Step 6: Facility Verification/Correction
- Step 7: Final QA/QC



How Can You Help?



- Who in Your County is the Best Contact to Review a List of Local Facilities and Preliminary Data? (LEA? Solid Waste Director?)
- Are You Aware of Any Written Sources of Information/Data on Facilities in Your County?
- Let us Know Your Concerns and Suggestions
- Support & Help Promote the Project; Use the Web Site!

Timeline



- Program Databases, Model & Website - Thru May '10
- *Engage Industry Professionals - Through Nov '09*
- Develop Estimates/Fill Gaps - Nov - Dec '09
- *Facility On-Line Verification - Jan - Feb '10*
- Advisory Committee Review - March ' 10
 - Preliminary Information, Model Results and Web Prototype
- Website roll-out - May '10

Other Questions or Suggestions?



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Commercial Recycling Cost Study



- Timeline

- *Data Gathering - Jul '09 through Oct '09*
- Commercial Diversion Calculator - Dec '09
- Draft Final Report for TAC Review - Mar '10
- Final Report - Jun '10

CIWMB Commercial Recycling Cost Study



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