



Draft Program Environmental Impact Report Public Meeting

**California Department of Resources Recycling and Recovery (CalRecycle)
Statewide Anaerobic Digester Facilities for the Treatment of Municipal
Organic Solid Waste Program Environmental Impact Report (EIR)**

Tuesday March 15, 2011 1:30 PM
CalEPA Building, Byron Sher Auditorium (2nd floor)
1001 I Street
Sacramento, CA

Wednesday March 30, 2011 1:00 – 3:00 p.m.
City of Lakewood City Council Chambers
5000 Clark Avenue
Lakewood, CA 90712



Introductions

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

CalRecycle is Lead Agency for the Program EIR.

- Mark de Bie, Project Manager
- Ken Decio, Contract Manager

Environmental Science Associates (ESA) is the consultant hired by CalRecycle to help prepare CEQA documents for the Program EIR.

- Paul Miller, Project Manager

Sub-consultants to ESA include: Integrated Waste Management Consulting, Smithline Group, CirclePoint, Carollo Engineers, and Parus Consulting.



Background of Project

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Effort originated under the CIWMB

Assist in meeting CalRecycle Strategic Directive 6.1:

Reduce the amount of organics in the waste stream by 50 percent by 2020.

Goal is to provide a CEQA resource for local and regional decision makers relative to a subset of AD projects.

Provide impact analysis of AD facilities as a starting point for local jurisdictions in preparing CEQA compliance for local AD projects.



Completed Steps in CEQA Process

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Notice of Preparation (April 30, 2010)

Publish the Draft Program EIR (February 14, 2011)

45 day Public Comment Period (until April 4, 2011)



Technical Advisory Group

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Overall development effort included forming a Technical Advisory Group (TAG) that now includes approximately 55 members.

TAG helped the EIR team to focus on potential environmental impacts, mitigation measures and CEQA project alternatives.

TAG members were able to review and comment on early administrative drafts of the Program EIR.



AD Initiative

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

AD Initiative will foster development of AD facilities

It is the policy of CalRecycle to encourage the development of AD facilities as an alternative to the landfill disposal of organic solid waste.

CalRecycle shall, not later than January 1, 2012, establish programs to implement the above policy.



Program Objectives

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Primary Objectives of the Program

Assist in meeting CalRecycle Strategic Directive 6.1: Reduce the amount of organics in the waste stream by 50 percent by 2020.

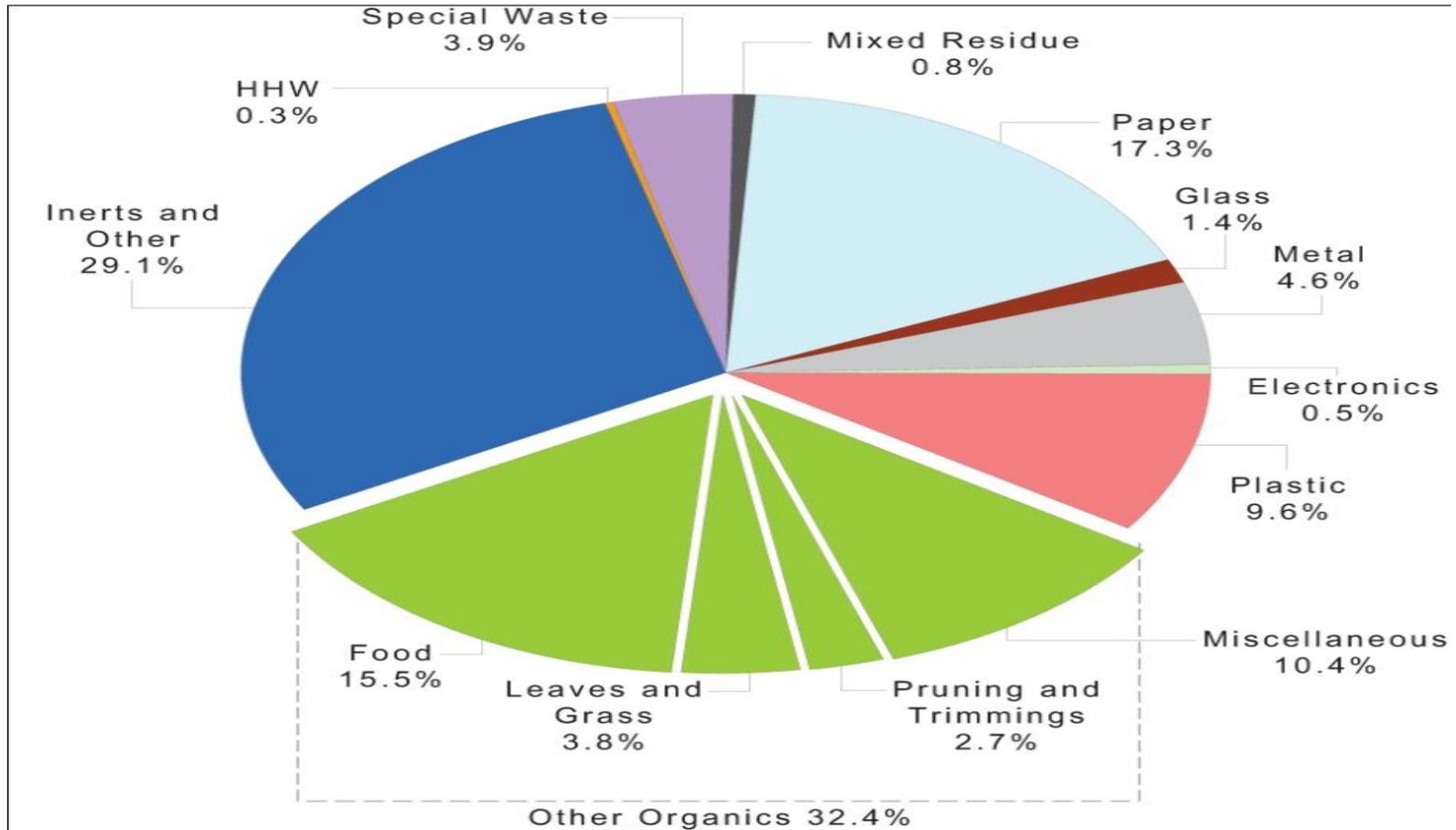
Support AB 32, greenhouse gas reduction measures related to AD.

- Achieve 33 percent renewable energy mix by 2020
- AD to support High Recycling/Zero Waste

Assist local government and state agencies by providing impact and mitigation analysis of a subset of AD projects.

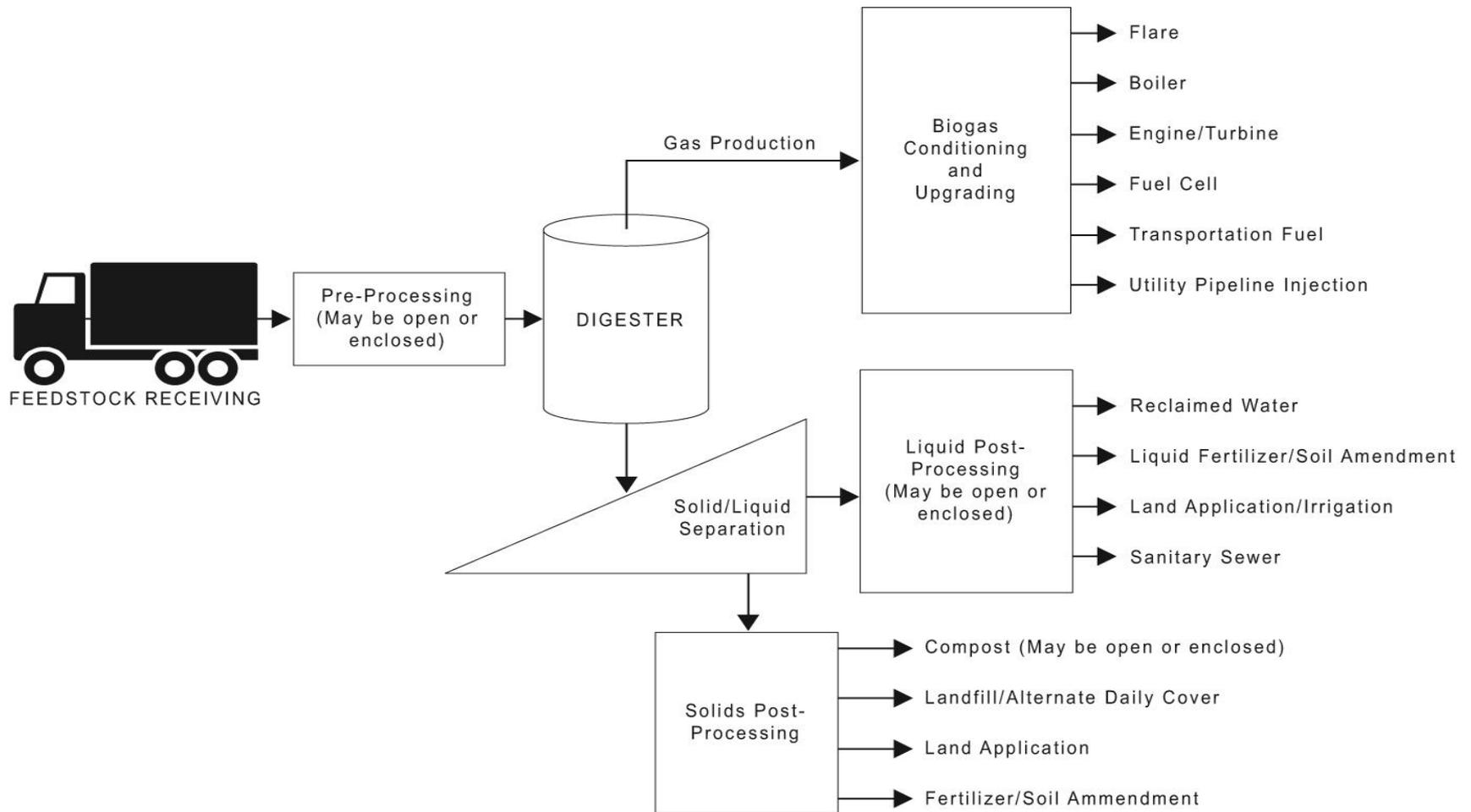


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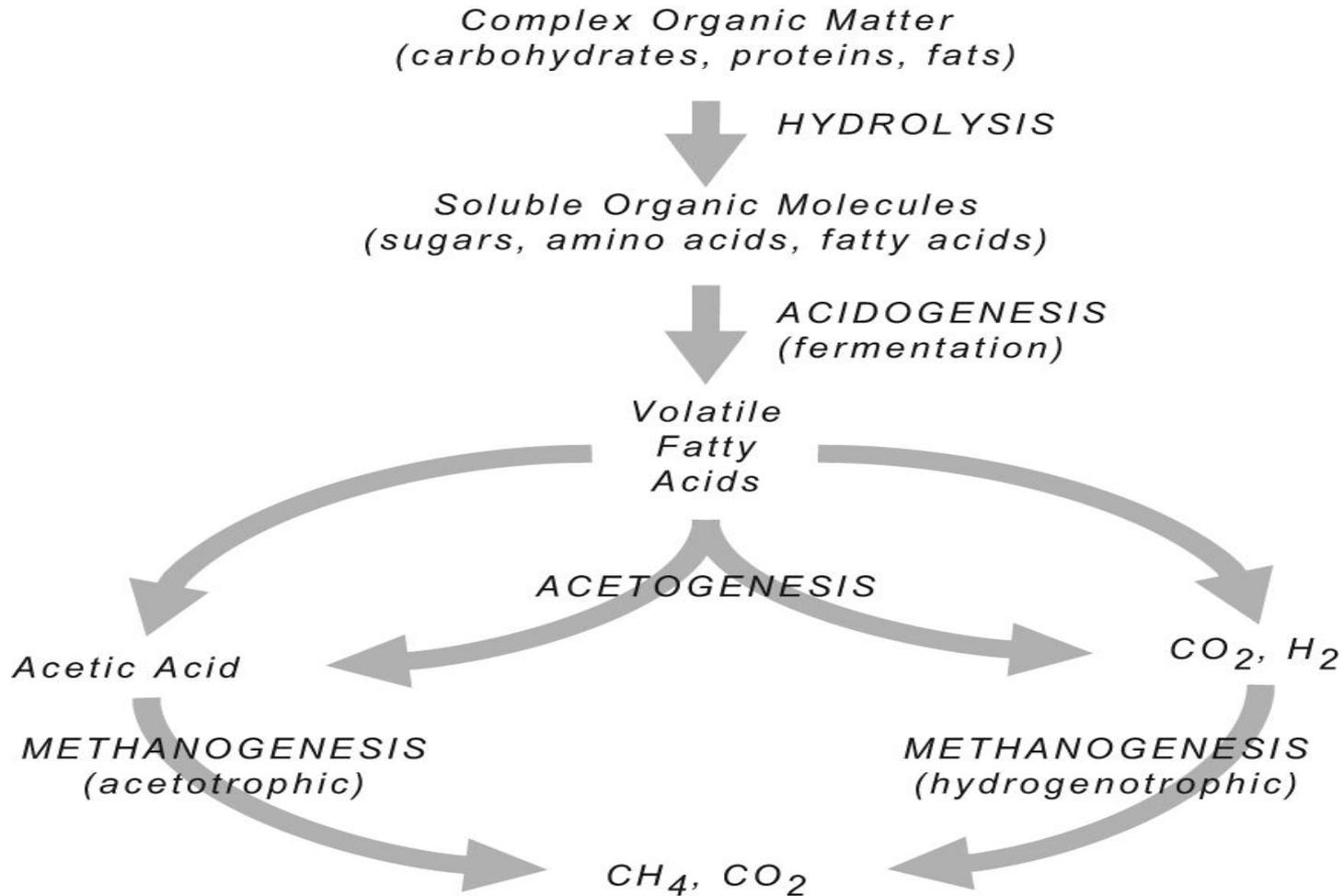


NOTE: Numbers may not total exactly due to rounding.

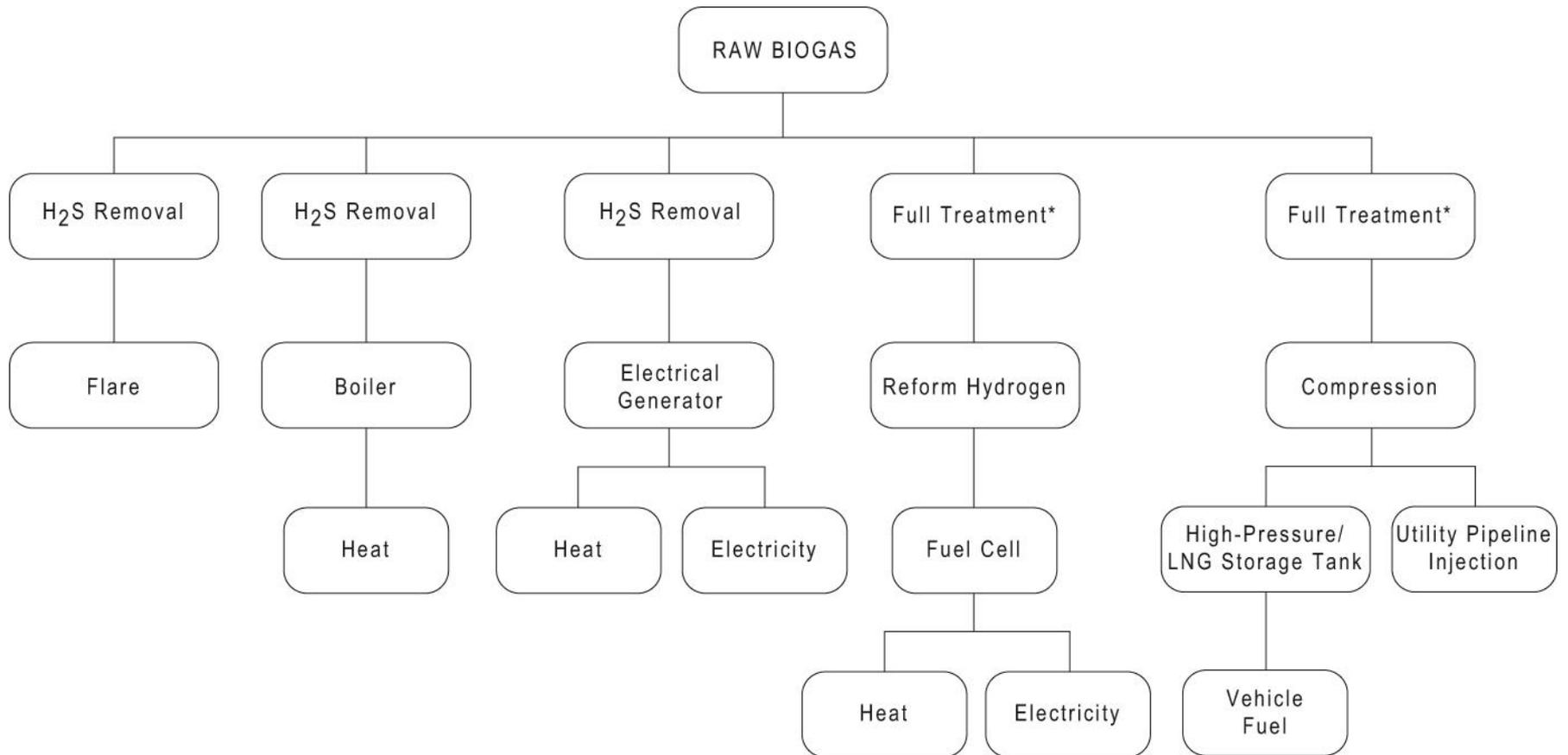
AD for Municipal Solid Waste Organics – CalRecycle Program EIR



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AD for Municipal Solid Waste Organics – CalRecycle Program EIR



*Full treatment includes removal of H₂S, water, siloxane, and CO₂



Draft Program EIR

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Types of AD facilities included:

In-vessel AD facilities located at existing or new permitted solid waste facilities or stand-alone AD facilities in areas zoned for industrial or solid waste handling activities.

AD facilities not included:

Dairy manure digesters, dairy manure co-digesters & wastewater treatment plant digesters. In-ground digester cell technology is discussed and evaluated as an alternative



Draft Program EIR

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Feedstock materials included:

Food waste, green material and mixed solid waste. The food and green material categories are intended to be inclusive and not limited by current regulatory definitions or collection methods.

- “food” includes cannery waste, meat, poultry, fish, cheese waste, food processing waste, fats, oils and greases (FOG)
- “green material” includes urban, agricultural, crop residues, contaminated green materials, etc.

Feedstocks not included:

Biosolids, untreated septage, waste co-digested with biosolids at WWTPs or dairy manure co-digesters, and hazardous waste.



Draft Program EIR

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

EIR Analysis

- Notice of Preparation helped to focus the topics that were fully analyzed in the Draft Program EIR.
- Chapters 1- 4 include the Executive Summary, Introduction, Program Description and Approach to Environmental Analysis.
- Chapters 5 – 11 cover key environmental resource areas (Air Quality, Greenhouse Gases, Hydrology & Water Quality, Noise, Public Services & Utilities, Transportation, Hazards and Hazardous Materials).
- Cumulative impacts assume 70 AD facilities could be developed by 2020 (50,000 tons of feedstock per year). (see Chapter 4).



Draft Program EIR

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

EIR Alternatives Analysis (Chapter 13):

No Project Alternative (required by CEQA), Co-Digestion at Wastewater Treatment Plants Alternative, Co-Digestion at Dairy Manure Digesters Alternative, Increased Aerobic Composting Alternative, Landfill In-Ground Digester Cell Alternative

Alternatives Conclusion:

None of the Alternatives were found to be clearly superior to the proposed project.

Increased Aerobic Composting Alternative was found to be environmentally superior alternative because of the potential for reductions in waste stream organics in the shorter term.



Draft Program EIR - Summary

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

All potential environmental impacts could be mitigated to a less-than-significant level with implementation of the mitigations measures.

(See Draft Program EIR Table 1-1)



Next Steps in CEQA Process

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Comment period will end on April 4, 2011.

Verbal and written comments will be considered and responded to in the Final Program EIR.

After completion of the Final EIR, CalRecycle will decide whether to certify the Program EIR and approve the AD initiative.

When certified, any additional CEQA compliance for a project can be tiered from the Program EIR.

Guidance will be developed to assist in using the document.



AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Verbal Comments

Please provide verbal comments at CalRecycle Monthly Meetings on March 15, 2011 and/or March 30, 2011.

OR

Written Comments

Please submit comment letters no later than April 4, 2011 to:

CalRecycle
Attn: Ken Decio
PO Box 4025, MS 10-A
Sacramento, CA 95812



CalRecycle Website

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Electronic copies of the draft Program EIR can be downloaded in PDF format from the CalRecycle website at:

<http://www.calrecycle.ca.gov/SWFacilities/Compostables/AnaerobicDig>



Time for Public Comments

AD for Municipal Solid Waste Organics – CalRecycle Program EIR

Public Comments