City of San Diego
Long-Term Resource Management Options Strategic Plan (LRMOSP)

Resource Management Advisory Committee
Second Meeting
January 16, 2008

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Agenda

1. **Welcome & Introductions –** Katz & Associates
2. **Environmental Services Department Update** – ESD
3. **Diversion and Financial Impacts** – ESD
4. **LRMO Project Status** – Bryan A. Stirrat & Associates
5. **Overview of System Demand / Capacity Projections** – HF&H
6. **Screening Criteria** – Katz & Associates / BAS
7. **Next Meeting**

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2. Environmental Services Department (ESD) Update

Chris Gonaver,
ESD Acting Director

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ESD Update

Construction & Demolition Ordinance

4

ESD Update

Recycling Ordinance

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ESD Update

Future
Resource Recovery Center
near Miramar

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3. Diversion and Financial Impacts

Brian Henry, City of San Diego

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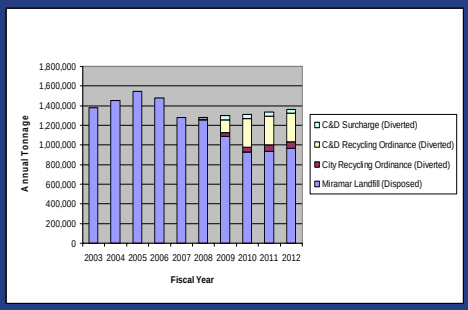
Miramar Landfill – Projected Success of Recently Approved Diversion Efforts



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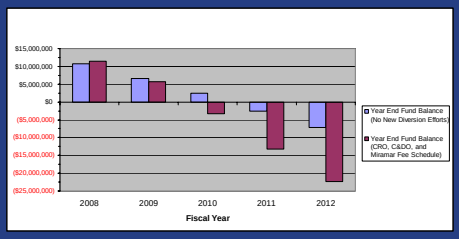
Projected Refuse Disposal Fund Status Comparison



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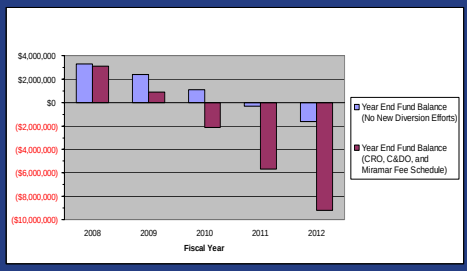
Projected Recycling Fund Status Comparison



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3. LRMO Project Update

Bryan A. Stirrat & Associates

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Project Progress – Phase I
May 2007 to June 2008

- **RMAC**
- **Evaluate Current & Future Resource Management Needs**
- **Identify Pertinent Regs and Key Policy Issues**
- **Evaluate Current Financial Program**
- **Identify Alternatives, Options**
- **Develop Feasibility Matrix & Rank Options**

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4. Overview of System Demand/Capacity

Bob Hilton, HF&H

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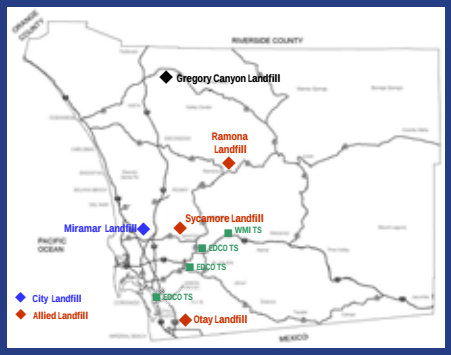
Disposal Facilities in San Diego County



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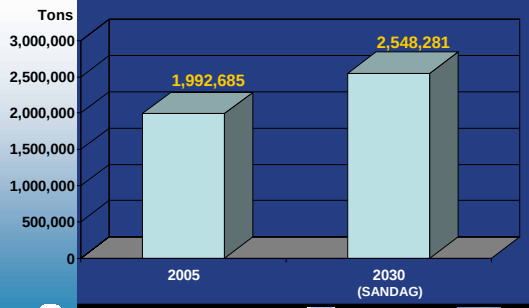
Material Disposed by the City Annually is Substantial and is Projected to Increase



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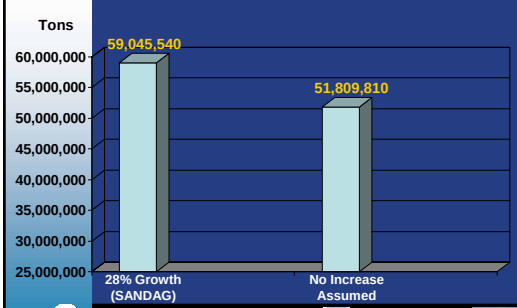
Over Next 25 Years - Cumulative Volume Generated by the City Creates a Tremendous Demand



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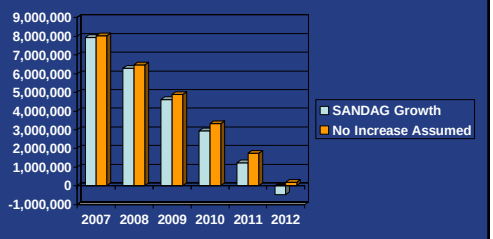
City's Miramar Landfill Reaches Permitted Capacity in 2012



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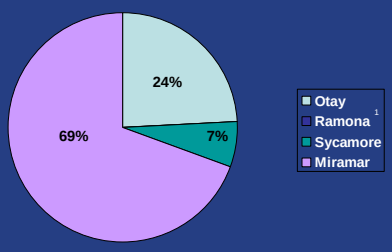
Not All of the City's Material Goes to Miramar



1. Approximately .001% of the waste disposal by the City goes to the Ramona Landfill

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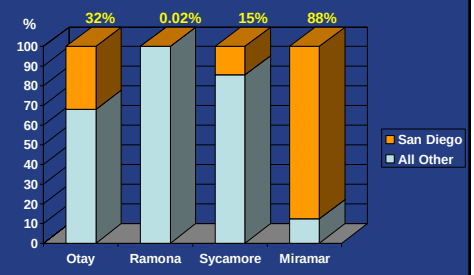
City Competes for Disposal at Other Landfills



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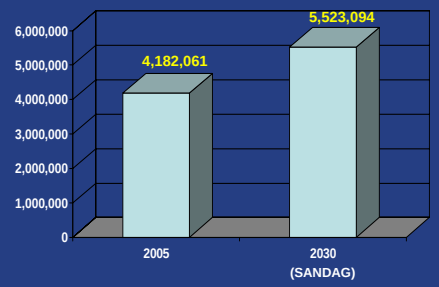
Material Disposed of Countywide is Substantial and Projected to Increase



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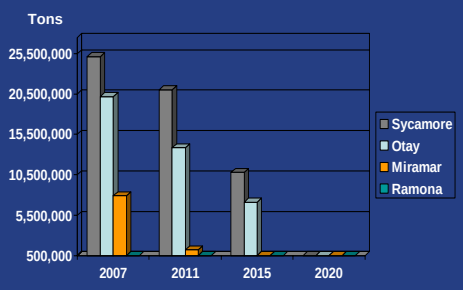
Other Landfills Are Also Quickly Reaching Permitted Capacity



Assumes: As landfills close, waste stream shifts to Sycamore
SANDAG projected disposal volumes

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Conclusion:

Regional demand will exhaust currently permitted landfill capacity by 2020.

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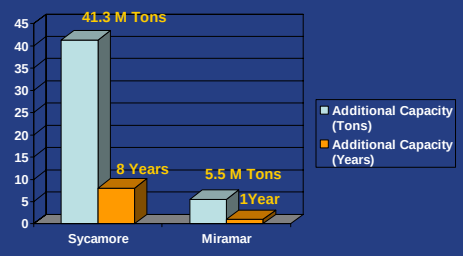
Planned Expansions May Help



Countywide current disposal volumes, increased by the SANDAG growth assumption, will be ≈ 5 M tons per year in 2019.

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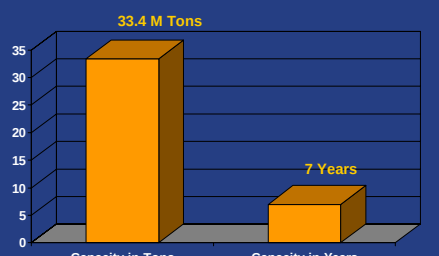
Permitting Gregory Canyon Landfill May Help



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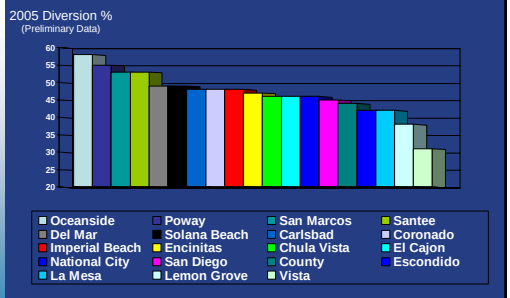
There Remain Opportunities to Further Increase Diversion



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Conclusion

Expansions will help, but we still need other options:

1. *Waste Reduction*
2. *Increased Diversion*
3. *Alternative Disposal Options*

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6. Screening Criteria

Katz & Associates / BAS

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Screening Criteria

High – Medium – Low Feasibility

- **Financial Viability**
- **Technical Viability**
- **Regional Viability**
- **Environmental Viability**
- **Capacity Optimization**
- **Sustainability**

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Financial Viability

- **Options provide financial support for the City's environmental programs.**
- **Economically viable for City of San Diego.**
- **Reasonably competitive with future customer alternatives.**

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Technical Viability

Options are technically sound with a proven track record.

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Regional Viability

Options and/or technologies that are viable in the San Diego region and meet local needs:

- Legal,
- Compliant with regulations, and
- Socially acceptable.

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Environmental Viability

Options are environmentally beneficial:

– Minimal impact to CEQA / NEPA environmental parameters.
– Provide green energy, renewable fuels and/or reduced greenhouse gas emissions.

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Capacity Optimization

Options reduce disposal demand and extend remaining landfill capacity at Miramar.

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Sustainability

Options reasonably provide for the highest and best use of material generated by the City's residents and businesses.

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The End

Questions?

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Next RMAC Meeting

Save the Date:

Wednesday
February 20, 2008
3:00 pm

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