

# Sycamore Landfill

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# Landfill Expansion Details



## **Landfill Expansion**

324 Acres to  
352.6 Acres

## **Landfill Capacity**

75M Cubic Yards  
to 153M CY

## **Daily Volume**

5,000 TPD to  
11,600 TPD

## **Site Lifetime**

Year 2045 (+)





→ Original  
SDG&E  
Transmission  
Line  
Alignment

— New  
SDG&E  
Transmission  
Line  
Alignment



1. Secure Public Utility Commission Approval
2. Relocation of 7,100 Ft of SDG&E Transmission Lines
3. Construction of Perimeter Road



# New Tower & Northern Alignment



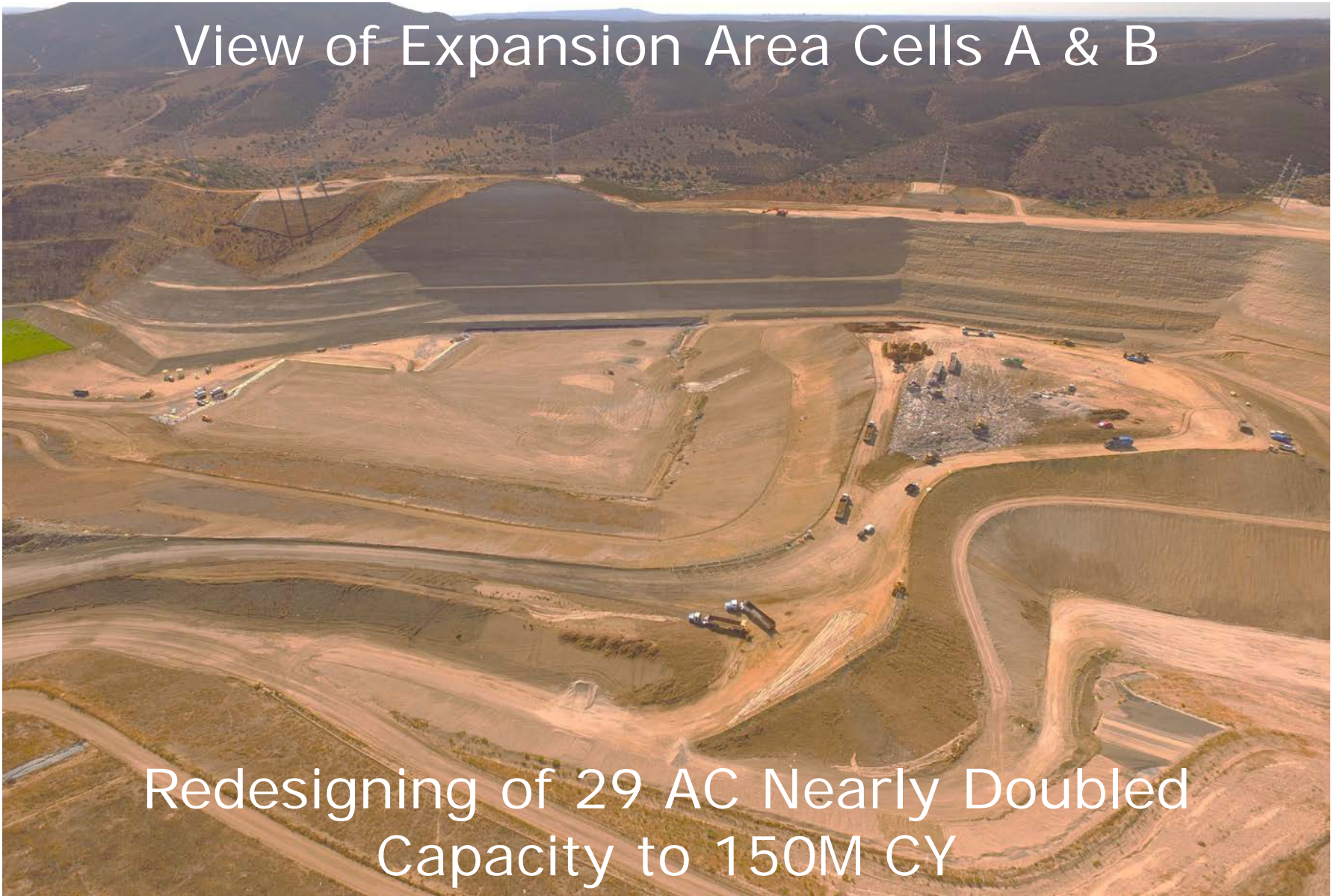


# New Transmission Towers Along Western Border



# View of Expansion Area Cells A & B

Redesigning of 29 AC Nearly Doubled  
Capacity to 150M CY





# View of Expansion Area From North





# View of Expansion Area From South



First Waste Placed in  
New Cells C & D

# Current Operations in Cells **A** Thru **D**





# Recovery of Aggregate From Landfill Footprint In Partnership with Hanson Aggregates





# Soil & Rock Mined for Future Landfill Development

Material is Screened and Crushed to Provide Building Materials for the San Diego Region







## Aggregate Plant Creates Construction Materials for Landfill Use

- Drainage Rock
- Protective Cover Soil Saves GHG with no importation of materials

# Landfill Gas Collection System

180 Landfill Gas Wells  
Control GHG  
Emissions & Odor  
Collect gas for Fuel





# Landfill Gas is Collected in Network of Pipes & Sent to **Energy Plant** for Processing



# Landfill Gas-to-Energy Plant



Produces  
Enough Energy  
to Power  
Approximately  
3,000 Homes



Over **300**  
**Acres** Donated  
to Mission  
Trails Regional  
Park



6 acres recaptured  
as Riparian Habitat  
Landfill Will be  
Incorporated into  
MTRP for Bike and  
Hiking Trails



Questions?

