


Rural Solid Waste Overview

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Rural Counties' Environmental
Services Joint Powers Authority



ESJPA Member Overview

- 22 Rural county members
 - Small population centers <40%
 - 3 counties with no cities
 - Compared to California
 - 37% land mass
 - Population about 3%
 - Less than 4% of waste stream
 - Medium Income 24% less
 - Unemployment 24% greater
 - Pop. Density 22/sq. mi (vs. 239 California average)
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- A map of California with its county boundaries outlined. Twenty-two counties are shaded in light green, representing the rural county members mentioned in the text. These include counties in the northern, central, and eastern parts of the state, such as Butte, Colusa, Glenn, Humboldt, Inyo, Kern, Mono, Nevada, Plumas, San Bernardino, Santa Barbara, Santa Cruz, Shasta, Stanislaus, Tehama, Trinity, Yuba, and others. The remaining counties are white.



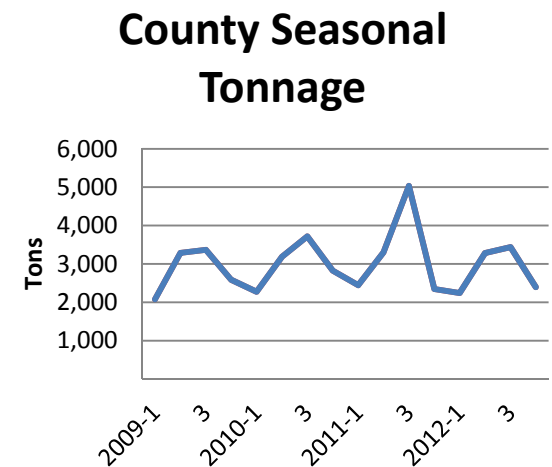
What's Rural?

- CalRecycle definition
 - <200,000 tons per year
- Distance
 - Small population centers
 - Markets far away
- Self-haul – predominates
- Mandatory collection – very limited
- Illegal dumping major issue – wide open spaces
- SAME RULES, LESS RESOURCES



Waste Stream Characteristics

- Less tons – 19 tons/sq. mi (191)
- Seasonal Fluctuations
- Few large businesses, venues
- Curbside Recycling (with no curbs)
 - Rural route 120-150 miles = ~200 stops
 - City route 20-30 miles = 900 stops
- Organics different
 - More brush, less grass
- How do you compost pine needles?



Solid Waste Infrastructures

- Landfills – (98% County responsibility)
 - 31 Open
 - 35 Closed or Closing
 - Hundreds of older sites
- Transfer Stations - 107
- Regional agencies -12
- Collection franchises - 10



Funding Sources, 22 Counties

Funding Source	Number
Gate fee	21
Franchise fee	10
Parcel fee	9
Sales tax	2

One parcel removed after landfill closed

One parcel fee removed by public “request”

Half cent sales tax revenue assessed



Solid Waste Fee

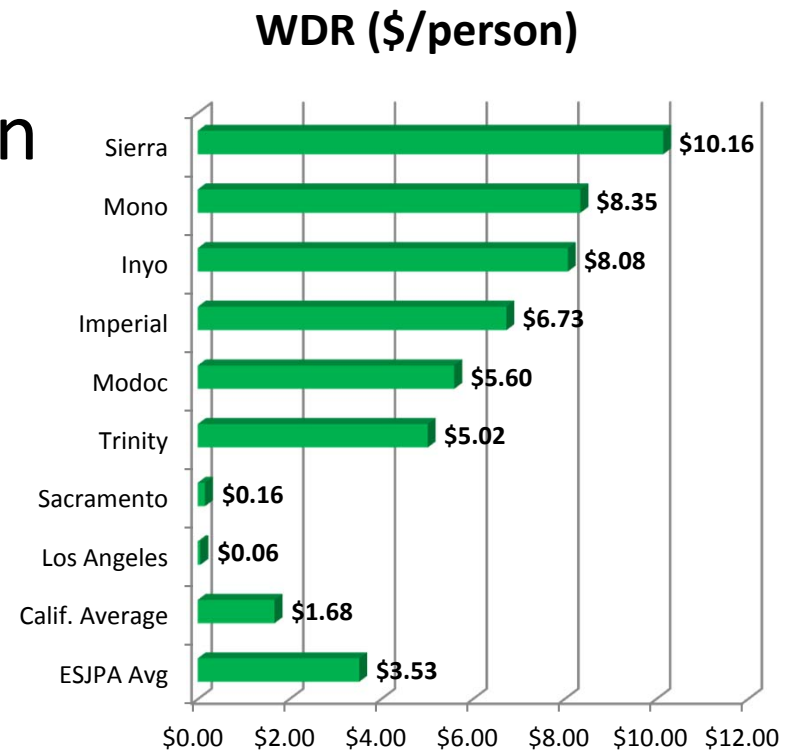
Dramatic Increases Last 5 Years

- Landfill
 - Non-water corrective action estimate
 - Landfill monitoring
- SWRCB
 - WDR
 - Storm water
- ARB
 - Diesel retrofit
 - Methane monitoring

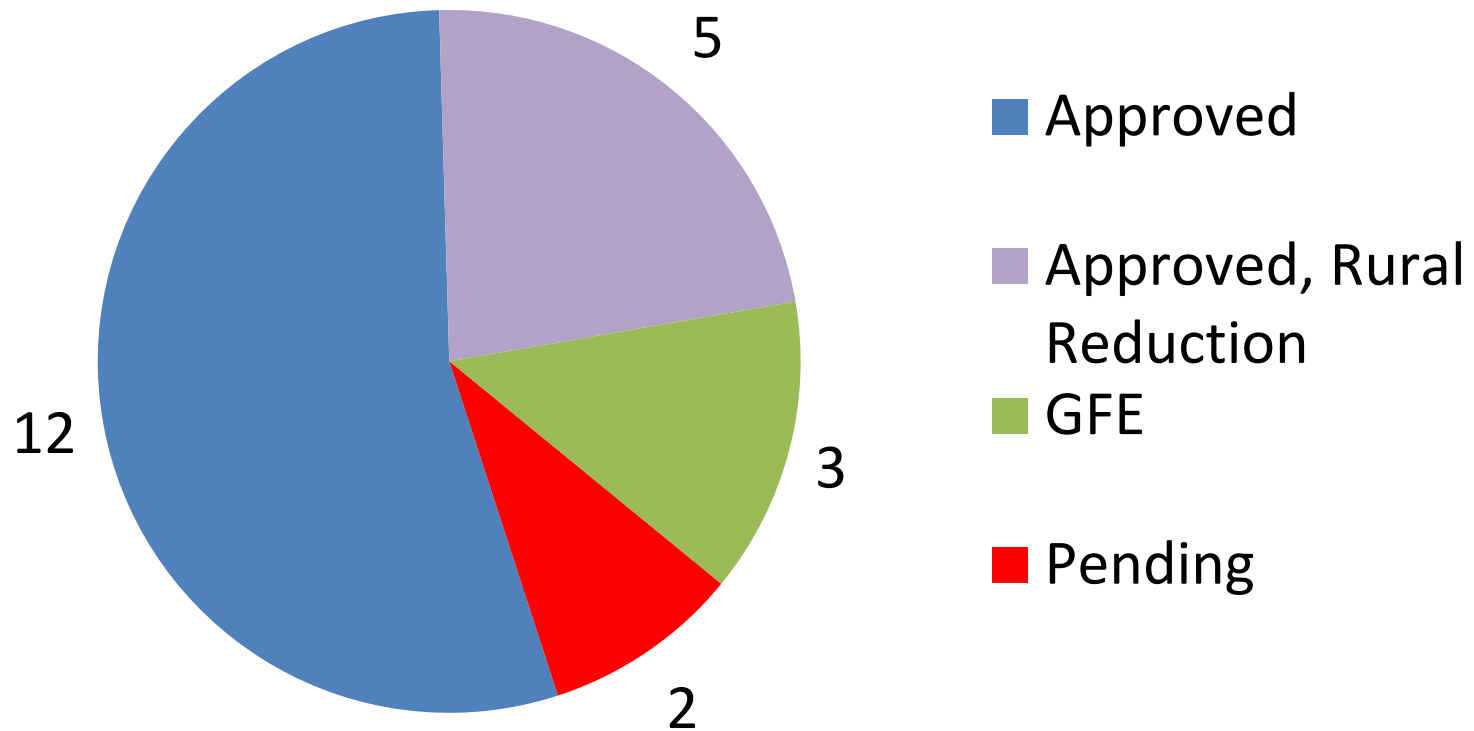


SWRCB WDR Fees

- Arbitrary rating system
- Closed site fee 20% > open
- Fee increased
 - 33% 2012 **PLUS**
 - 20% 2013
- Average \$20,000 per site
- Rural 6x > state average



ESJPA AB 939 Compliance



Approved ranges from 7% to 44% under goal
Rural Reductions range 44% to 13% under goal



Challenges

Very Rural General Store

