

**Twin Rivers Unified School
District
Nutrition Services
And
Senate Bill 1383**

Background

- 2006: AB 32
 - California Global Warming Solutions Act of 2006
- 2011: AB 341
 - Mandatory commercial recycling program
- 2014: AB 1826
 - Mandatory commercial organic waste recycling
- 2016: SB 32
 - Greenhouse gas emissions target 40% below 1990 levels

2016: SB 1383

- Largest, most comprehensive bill
- Establishes methane emission reduction targets
- Landfilling 3rd largest producer of methane
- 50% reduction in organic waste from 2014 to 2020
- 75% reduction in organic waste from 2014 to 2025
- 20% of disposed edible food recovered
 - 1 in 8 Californian's are food insecure
 - 1 in 5 California children are food insecure

Significance

- Significant source of local air quality pollutants
 - NO_x
 - PM_{2.5}
- Effects of climate change already seen in California
 - Longer droughts
 - Warmer temperatures
 - Increasing wildfires
 - Coastal erosion due to rising sea levels

TRUSD Status

- Republic Services currently hauls 8,041 yd³ waste/year
 - 50% reduction = 4,020 yd³ waste/year
 - 52 weeks = 77 yd³ waste/week
- Pilot Food Waste Recycling Program with Breathe California
 - Sierra View
 - Foothill Oaks
 - Woodridge
 - Allison
 - Dry Creek

CalRecycle Requirements

- Separate bins for organic waste, non-organic recyclables
- 20% edible food recovery
- Training for employees and students
- Record keeping of food recovery service/organization
 - Name, address, and contact information
 - Types of food to be collected
 - Established frequency of collection
 - Quantity of food collected
 - Copy of contracts

CalRecycle Opportunities

- Invested \$15 million in education campaign and customizable materials
 - <https://www2.calrecycle.ca.gov/Listservs/Subscribe/152>
- Food waste reduction grant program
 - Alameda County awarded \$500,000 K-12 Smart Cafeteria Initiative
 - Awaiting budget signing
 - <https://www2.calrecycle.ca.gov/Listservs/Subscribe/135>

CalRecycle Consequences

- Regulations not yet established
 - Expected by end of 2019
- School districts enforced directly by CalRecycle
- Notice of violation
 - 60-90 days to address issue
- Placed on non-compliance inventory list
- Random & targeted site inspection from CalRecycle and hauler

References

Blondin SA, Djang C, Metayer N, Anzman-Frasca S, Economos CD. “It’s just so much waste.” A qualitative investigation of food waste in a universal free School Breakfast Program. *Public Health Nutrition*. 18(9):1565-1577.

Bloom J. Waste not, want not. <https://grist.org/article/schools-waste-5-million-a-day-in-uneaten-food-heres-how-oakland-is-reinventing-the-cafeteria/>. Accessed on June 7, 2019.

California Air Resources Board. California Greenhouse Gas Emission Inventory-2018 Edition. <https://www.arb.ca.gov/cc/inventory/data/data.htm>. Accessed June 9, 2019.

CalRecycle. SB 1383 Education and Outreach Resources. <https://www.calrecycle.ca.gov/organics/slcp/education>. Accessed on June 11, 2019.

Nargi L. Millions of dollars worth of food ends up in school trash every day. What can we do? <https://ensia.com/features/school-food-waste-solutions/>. Accessed on June 7, 2019.