



Solid Waste Update



February 9, 2021

Waste & Recycle Drop- Off Center



Location: 320 Harvest Dr., Gate 4

Open Tuesday to Saturday: 9:00 am - 2:30 pm

We accept Household Hazardous Waste: Tuesday, Wednesday, Saturday



Our Services



We accepted 62 tons of Household Hazardous Waste in 2020!

WE ACCEPT

**Paint
Pesticides
Tires**

**Batteries
Electronic waste
Bulky items**

**Mattresses
Clothes
Yard waste**



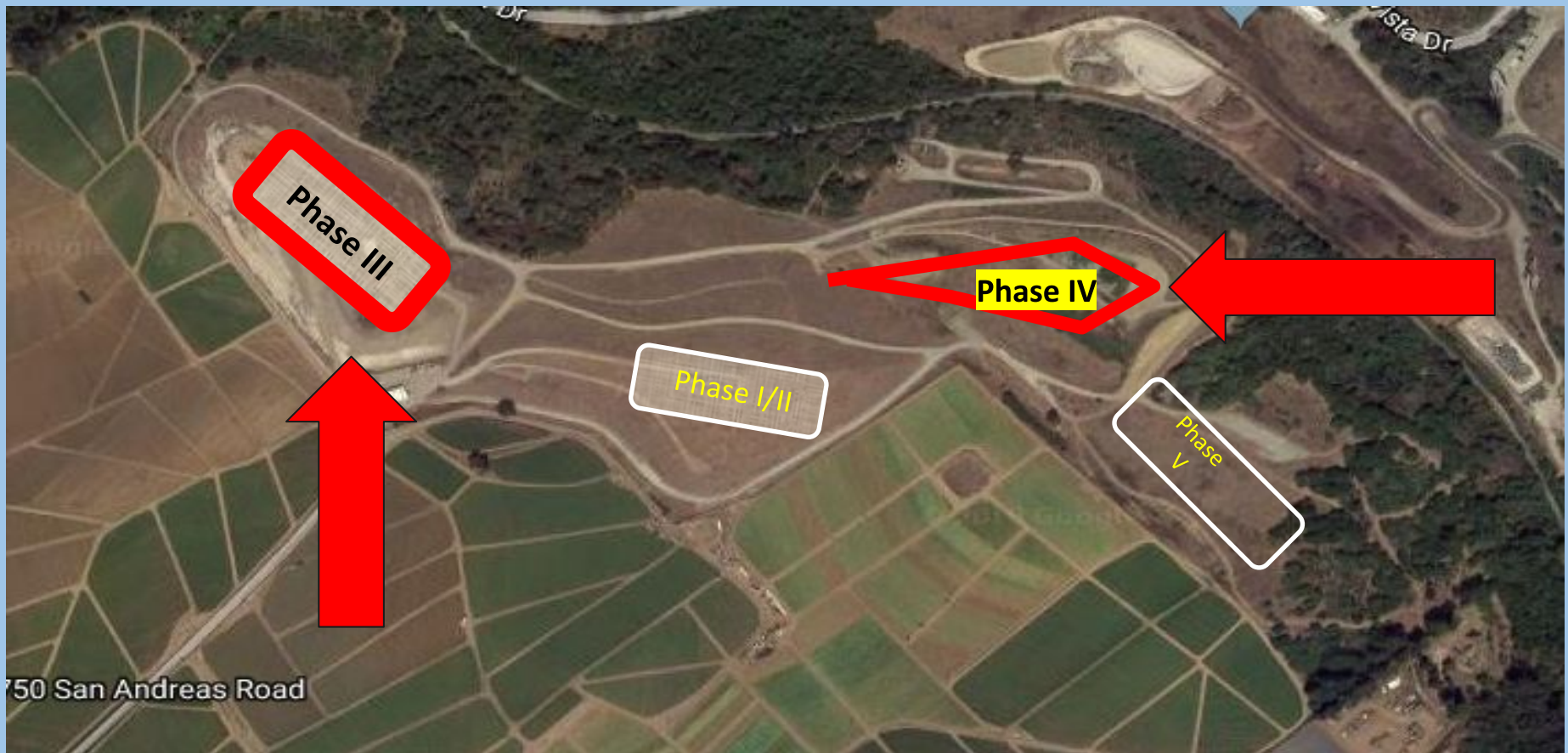
Landfill Update

Year	Update
1960's	Started Landfill Operation 5 Phases
1996	Phase III Opened
2016	Phase III reached capacity
2017 2019	Reduced Operations Phase III approved 9 additional feet
2021	September 11, 2020 Phase III volume capacity
2023	Begin Phase III Closure
2025	Final Closure

Landfill Costs

Closing Landfill Phase 3 estimated cost: \$3 million

Opening Landfill Phase 4 estimated cost: \$4 million



Collection Service Overview



Street Sweeping

Residential & Commercial

1. Garbage
2. Recycling
3. Yard Waste
4. Food Scraps



Disposal & Hauling: Cost Impacts



Key Highlights

- **\$1.7 million annually**
- **Disposal cost will increase \$180,000 each year for the next 5 years.**
- **Or, \$1 million increase over the 5-year contract.**

Recycling Update



**Monterey Regional Waste Management District
New Material Recovery Facility (MRF) cost \$25 million!**

New agreements signed for Recycling & Disposal in 2020

Recycling Cost



CALIFORNIA STATE LAW AB 341

Key Highlights

- Recyclables are an additional cost not a revenue stream
- Now treated as mixed waste
- Average \$300,000 yearly expense to dispose of 6,000 tons

State Mandate Update



Organics Recycling (AB 1826)



Key Highlights

1. **Organic waste refers to:**
Food waste, green waste, landscape, pruning waste, non-hazardous wood waste, and food-soiled paper waste mixed in with food waste
2. **Weekly collection on:**
Tuesday & Friday
3. **Service over 60 businesses:**
Schools, restaurants, markets
4. **833 tons of food scraps diverted from landfill in 2019!**

Food Scrap Recycling Supports CAP



Organic to Energy Facility

Impact

- Diverted 833 tons of food scraps
- Reduced 3,500 tons of carbon dioxide (CO₂) and 12 tons of methane (CH₄) emission.

Projected Impact

- 4,500 tons of food scraps recycled from all generators by 2025.
- Projected to reduce the equivalent to 18,900 tons of CO₂ and 66 tons of methane (CH₄) emission.



Composting in windrows

SB 1383-Reducing Short Lived Climate Pollutants (SLCP)

2020

50% REDUCTION IN LANDFILLED ORGANIC WASTE

2022

SB 1383 REGULATIONS TAKE EFFECT

Provide Organics Collection Services to All Residents and Businesses

2025

75% REDUCTION IN LANDFILLED ORGANIC WASTE

2025

20% INCREASE IN RECOVERY OF CURRENTLY DISPOSED EDIBLE FOOD

Recycling Goals 2020-2025



Residential Food Scrap Pilot



Participating Sites

Meadows Manor Mobile Home Park- 255 households
Northgate Apartments: 85 households

Residential Food Scrap Pilot



Weekly collection services started November 10, 2020

Highlights

- Week 14
- 60% Baseline participation
- Average of 20 lbs. per cart
- Audits
- Survey residents

Next Steps

- Projection of 2,810 tons per year and 21% organics removal from trash after full implementation
- Assessing new pilot sites
- Implement a marketing & education plan
- Meet 85% participation goal



Residential Food Scraps Projected Fiscal Impact

Collection & Processing Options

OPTION 1: 4-CONTAINER SERVICE

Up-front cost: \$1 million

Ongoing annual cost: \$500k



Garbage (bi-weekly)



Recycling (bi-weekly)



Yard Waste (bi-weekly)



Food Scraps (weekly)

OPTION 2: 3-CONTAINER SERVICE (PREFERRED)

Up-front cost: \$500k

Ongoing annual cost: \$400k



Garbage (bi-weekly)



Recycling (bi-weekly)



Co-mingled (weekly)

SB1383 Requirements

Provide Organics
Collection Services to All
Residents and Businesses
Effective Jan. 1, 2022



Ordinances & Policies

Conduct
Education & Outreach



Establish Edible Food
Recovery Program


Procure Recyclable & Recovered
Organic Products



Enforcement & Penalties
Jan. 1, 2024



Progress Update



SB1383 Compliance Task	Update
Cost Analysis	Completed
Processing Agreement	Completed
Launch Residential Pilot	Ongoing
Secure equipment & staff (2 FTE) Container & labels	2021-2024
Program Implementation	Jan. 1, 2022
Enforcement & Penalties	Jan. 1 2024

Goals & Accomplishments





Thank you!