

SMaRT Station® Annual Report FY 2024-2025

SMaRT Partners — Mountain View, Sunnyvale



Fiscal Year (FY 2024-25) Recap and Look Ahead

The Sunnyvale Materials and Recovery Transfer Station (SMaRT Station®) had a productive year with continued service to Sunnyvale and Mountain View communities. During FY 2024-25, SMaRT processed 179,666 tons of total material and diverted about 50% of all incoming materials from the landfill. The SMaRT Station successfully completed several upgrades to the facility. In 2024, SMaRT installed a bag opener on the MSW Line, repaired the facility water lines and upgraded the ADA parking spaces. Also, City staff continued to make progress on the NextGen project, which will be described in further detail below, moving onto the design and permitting phase.

SMaRT Station NextGen Project

The NextGen project is a combination of retrofits and new equipment installation that will improve the SMaRT Station's efficiency, diversion rates and quality of recyclables. Sunnyvale staff is working with several vendors to complete these upgrades.

In May 2025, Bulk Handling Systems (BHS) was awarded a \$34.5 million contract to design, manufacture, and install garbage and recyclables processing equipment at the SMaRT Station. The new integrated system will streamline the facility's operations by processing both Municipal Solid Waste (MSW) and recyclables using the same equipment in two different shifts. The upgraded high-efficiency processing line will be capable of handling 100 tons per hour of MSW and 20 tons per hour of source-separated recyclables. The project includes the installation of new Artificial Intelligence (AI) powered air separators, optical sorters, cardboard separators and drum separators. This system is expected to recover and divert over 75% of inbound organic material for composting to meet the high organics diversion facility requirements for California's short-lived climate pollutant reduction law, SB 1383.

Shredding Systems Incorporated (SSI) was awarded a \$2.5 million contract to provide a new pre-load trash compactor. This compactor will compact the residue material into a transfer trailer for transport to the Kirby Canyon landfill, reducing the total number of trips needed.

[CONTINUED ON PAGE 3 →](#)



Jennifer Ng

Jennifer Ng
Public Works Director, City of Mountain View



Ramana

Ramana Chinnakotla
Environmental Services Director, City of Sunnyvale

Costs, Revenues and Diversion 2024-2025

Financial Summary of Costs and Revenues

	Sunnyvale	Mtn. View	Totals
COSTS			
Operations and Capital	\$14,821,858	\$5,503,204	\$20,325,062
Landfill Disposal	\$4,220,323	\$1,318,579	\$5,538,902
Organics Diversion	\$3,226,796	\$925,172	\$4,151,968
Host and Land Rent Fees	\$767,404	\$292,211	\$1,059,615
Total Costs	\$23,036,381	\$8,039,166	\$31,075,547
REVENUES			
MRF Recovered Recycling Revenues	\$140,444	\$65,907	\$206,351
Source Separated Recycling Revenues	\$467,256	\$146,521	\$613,777
Public Haul Fees and Other	\$963,430	\$137,593	\$1,101,023
Total Revenues	\$1,571,130	\$350,021	\$1,921,151
NET COSTS	\$21,465,251	\$7,689,145	\$29,154,396

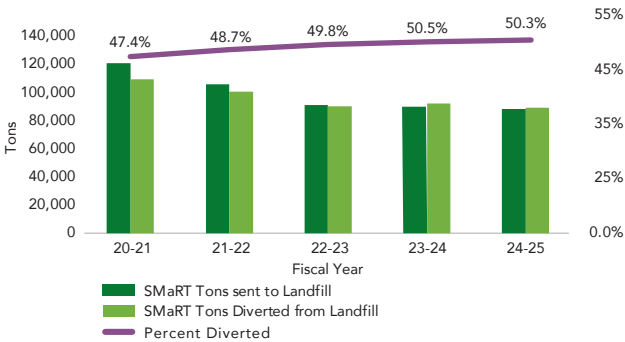
SMaRT Station Diversion Summary

	Sunnyvale	Mtn. View	Other Jurisdictions	Totals
City Population	159,673	86,513		246,186
MSW delivered to SMaRT Station	84,075	39,457	0	123,532
MSW Public haul	11,444	1,602	0	13,046
Total MSW Delivered to SMaRT Station	95,519	41,059	0	136,578
MSW residue disposed at Kirby Canyon landfill	61,271	27,358	0	88,629
MSW material diverted from the landfill at the SMaRT Station	33,534	14,415	0	47,949
Organics brought to SMaRT Station	23,903	1,013	967	24,687
Organic Residuals to Landfill	1,196			
Recyclables brought to SMaRT Station	12,422	4,284	498	17,204
TOTAL DELIVERED	130,648	46,356	1,465	178,469
Total amount diverted from the landfill	69,377	18,998	1,465	89,840

Notes: "Other Jurisdictions" = Not a Partner

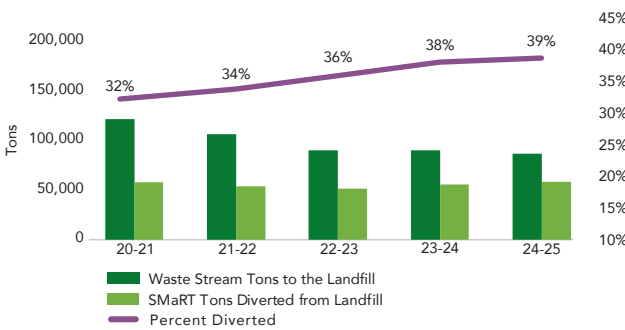
Marketing Success

Marketing Success



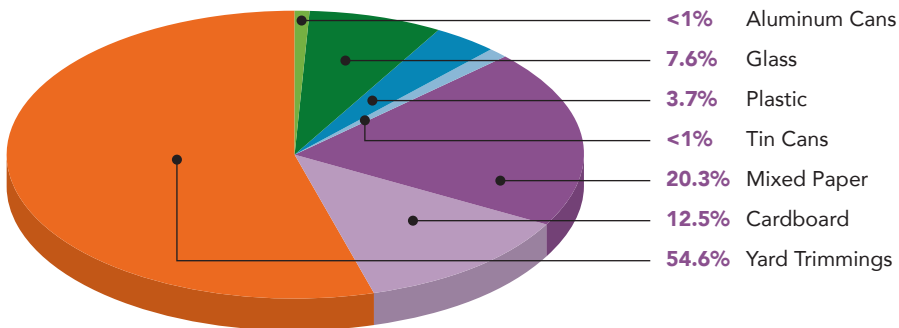
This chart shows how much of the MSW, recyclables, yard trimmings and food scraps received by SMaRT are sent for recycling or landfill. The percent of materials diverted from the landfill is called the Diversion Rate.

MSW & Food Scraps Diverted from the Landfill over the last 5 Years



This chart shows how much of the waste stream was diverted from the landfill and sent for composting, recycling and co-digestion after being processed at the SMaRT Station.

Materials Diverted from Curbside Collection



Percentages shown on these charts for diverted and marketed materials reflect material weight.

← CONTINUED FROM PAGE 1

To fund the NextGen project, the Sunnyvale Financing Authority will issue approximately \$45 million in revenue bonds. The project is expected to be completed by December 2026.

CalRecycle awarded \$6.5 million to the City of Sunnyvale to upgrade the system under the Beverage Container Infrastructure Grant Program. These grant funds will be used to add automated equipment to increase the quality and quantity of the recyclables processed at the SMaRT Station. This grant will help offset the cost of this project.

The Sunnyvale City Council also approved an addendum to the SMaRT Station Environmental Impact Report for this project. The analysis found no new or more severe environmental impacts, no substantially changed circumstances, and no new feasible mitigation measures or alternatives.

SMaRT Station Highlights

SMaRT Station Recycling Market Update

In 2025, fiber prices stayed flat, while plastics — especially #1 Polyethylene Terephthalate (PET) plastic — have seen steep declines, intensified by the RPlanet closure. Despite the volatility, #1 PET plastic remains valuable and continues to move through recycling streams.

Buy-back Services – The SMaRT Station continues to offer buy-back services to the public and collected the following amounts of material in this fiscal year:

Buy-Back Center Services			
Material Collected	Quantity (tons)	Material Collected	Quantity (tons)
CRV Redemption	218	Paint Disposal	24
E-Waste Recycling	94	Motor Oil Disposal	39
Lightbulbs & Lamp Recycling	4	Free Mulch collected by Residents	311
Batteries Recycling	23	Free Compost collected by Residents	3039
Document Shredding	34		

Other Notable Upgrades

In August 2024, the SMaRT Station installed a shredder/bag opener that diverts an additional 20 tons of material from the landfill each day by opening the bags. Funded by the cities of Sunnyvale and Mountain View with support from CalRecycle’s Organics Diversion Grant, the project improves efficiency and advances local sustainability goals.



During FY 2024-25, the SMaRT Station also completed upgrades to improve the facility’s operations, sustainability, and accessibility. Projects included replacing aging potable and reclaimed water lines, adding two filtered water bottle filling stations, installing three ADA-compliant parking spaces and upgrading the office HVAC system for better comfort and air quality.

Partnerships

Since April 2025, the SMaRT Station began accepting an average of 360 tons per month of food scraps from the City of Milpitas.

Fun Facts

How many tons of material did the buy-back center recycle in FY 2024 - 25?

Answer: More than 400 tons.

Partners in Leadership 2024-2025

CITY OF SUNNYVALE

Mayor Larry Klein
Vice Mayor Linda Sell
Councilmember Alysa Cisneros
Councilmember Richard Mehlinger
Councilmember Murali Srinivasan
Councilmember Charlsie Chang
Councilmember Eileen Le
City Manager Tim Kirby

CITY OF MOUNTAIN VIEW

Mayor Ellen Kamei
Vice Mayor Emily Ann Ramos
Councilmember Chris Clark
Councilmember Alison Hicks
Councilmember John McAlister
Councilmember Lucas Ramirez
Councilmember Pat Showalter
City Manager Kimbra McCarthy