



**SANTA CRUZ COUNTY  
HOUSEHOLD HAZARDOUS WASTE  
COLLECTION PROGRAM  
ANNUAL REPORT  
2023/2024  
OCTOBER 2024**



**COUNTY OF SANTA CRUZ**

**2023/2024**

**SANTA CRUZ COUNTY  
HOUSEHOLD HAZARDOUS WASTE  
COLLECTION PROGRAM**

**ANNUAL  
REPORT**

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# 2023/2024

## Household Hazardous Waste Collection Program

### Annual Report

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# INTRODUCTION

Household hazardous waste (HHW) is a term that refers to any leftover or unwanted household products that can pose a threat to human health, animal welfare, or the environment if not handled or disposed of properly. HHW includes items such as paints, cleaners, batteries, pesticides, solvents, and electronic wastes. According to the US Environmental Protection Agency (EPA), Americans generate about 1.6 million tons of HHW each year<sup>1</sup>.

HHW can cause various problems if it is thrown in the trash, poured down the drain, or dumped on the ground. For example, HHW can:

- Contaminate groundwater, surface water, and soil with toxic chemicals.
- Harm wildlife and plants that come into contact with polluted water or soil.
- Create fire, explosion, or gas hazards in landfills or sewer systems.
- Injure sanitation workers or waste collectors who handle HHW.
- Expose children and pets to poisoning or injury from ingesting or touching HHW.

To prevent these negative impacts, it is important to manage HHW in a safe and responsible manner. This is where household hazardous waste programs come in. The County of Santa Cruz HHW program collects, recycles, and properly disposes of HHW from residents and households within the County.

Household hazardous waste programs provide many benefits for the community and the environment. We are charged with:

- Protecting public health and safety by reducing the risk of exposure to HHW.
- Conserving natural resources and energy by recycling HHW materials that can be reused.
- Reducing greenhouse gas emissions and air pollution by limiting HHW from being burned or incinerated.
- Saving money and space by avoiding the cost and need for landfilling or treating HHW.

By participating in Santa Cruz County household hazardous waste program, you can help protect yourself, your family, your community, and your planet from the harmful effects of HHW.

This report highlights the participation levels, analysis of hazardous waste delivered, and associated costs of the HHW Program for fiscal year 2023/2024. The program's high participation rate and the substantial amount of hazardous waste collected and responsibly managed each year underscore its significant benefits to public health and the environment.

The Santa Cruz County Household Hazardous Waste Collection Program operates three permanent collection facilities:

- Ben Lomond Transfer Station: Located in the inland northern part of the County.
- Buena Vista Landfill: Near Watsonville, serving the southern section of the County.

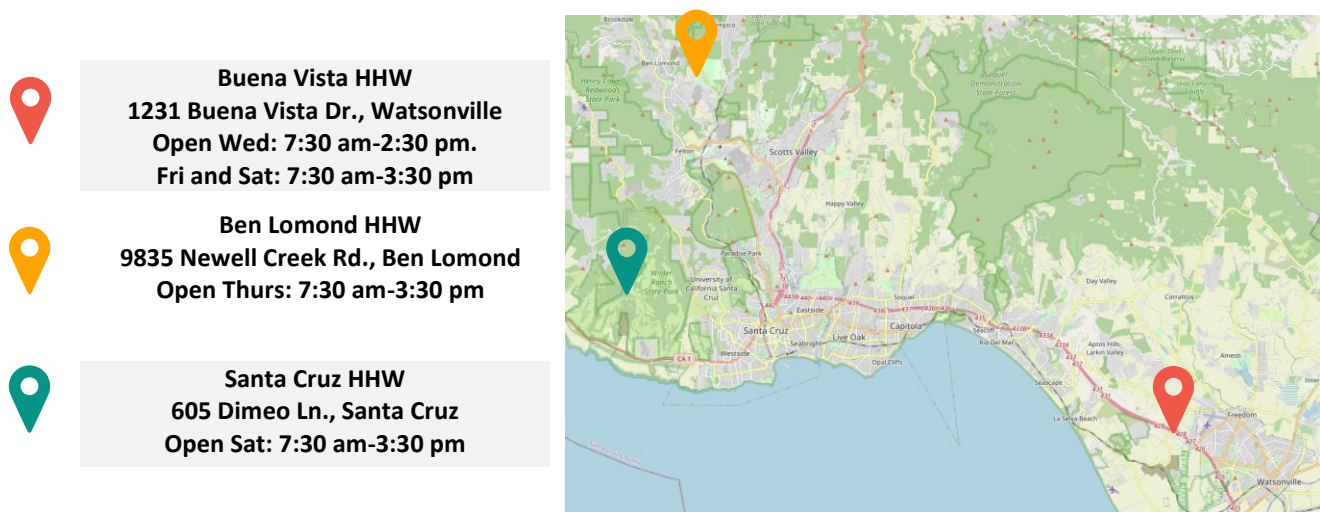
- City of Santa Cruz Landfill: Serving the City of Santa Cruz and the northern coastal section of the County.

<sup>1</sup><https://www.epa.gov/hw/household-hazardous-waste-hhw>

Since its inception in 1991, the HHW program has served a population of 212,175. The facilities operate on an alternating schedule:

- Buena Vista Landfill: Open three days a week (Wednesday, Friday, Saturday).
- Ben Lomond Transfer Station: Open one day a week (Thursday).
- City of Santa Cruz Landfill: Open one day a week (Saturday).

**Figure I-1  
HHW Locations Throughout the County of Santa Cruz**



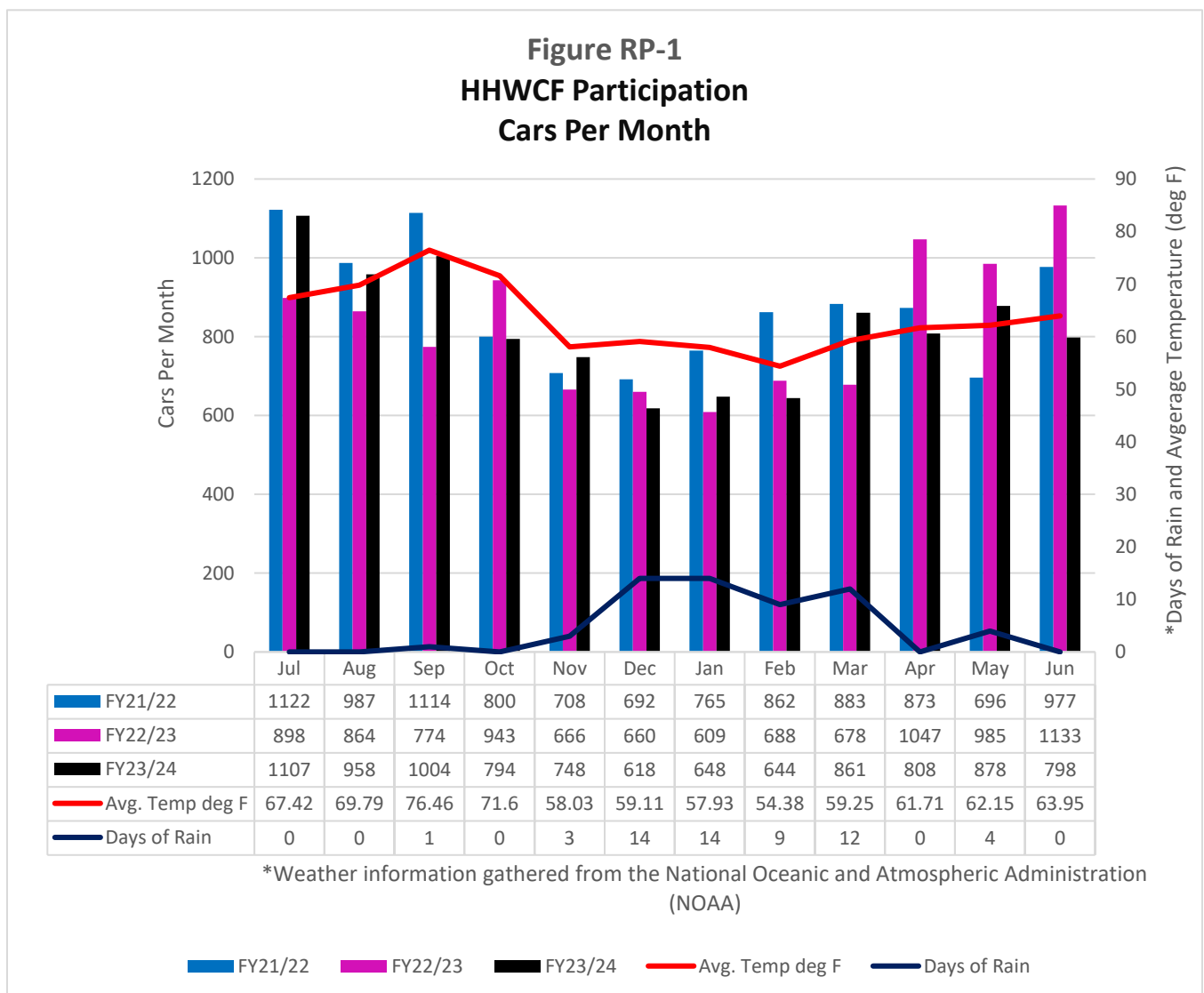
The program effectively diverts household hazardous waste (HHW) from illegal disposal at the County’s and City’s recycling and solid waste facilities by offering the public a safe, legal, and environmentally friendly disposal alternative. Residents can drop off their HHW at any of the designated facilities during their posted days of operation. Additionally, automotive batteries can be recycled at all three locations’ respective recycling centers, six days a week (Monday through Saturday).

The HHW program also accommodates Small Quantity Generators (SQGs), which are businesses generating less than 27 gallons of hazardous waste per month. SQGs can schedule appointments to drop off their waste at the Buena Vista HHW facility.

# RESIDENTIAL PARTICIPATION (RP)

The HHW program is completing its 33<sup>rd</sup> year of operation. During fiscal year 2023/2024 the Santa Cruz County Household Hazardous Waste Collection Program served the entire unincorporated County, and the Cities of Santa Cruz, Capitola, and Scotts Valley, which is comprised of 92,735<sup>4</sup> households, with a population of approximately 211,540. The City of Watsonville provides their own HHW program to residents within their jurisdiction.

Figure RP-1 shows HHW program participation on a monthly basis. Participation ranged between 618 cars in December and 1,107 vehicles in July. The lower participation during the winter months is attributed to fewer operating days due to the holidays, and seasonal fluctuations in participation presumably due to more inclement weather.



<sup>4</sup> Number of households information gathered from the E-5 Population and Housing Estimates for Cities, Counties, and the State, 2020-2024 with 2020 Census Benchmark

Figure RP-2 presents a comparison of the average number of cars per operating day for the last three fiscal years. This data serves as a tool for planning staffing levels through the different seasons and to promote the facility's services. The trend line shows an increase in customer county with a correlation coefficient of 90.68%.

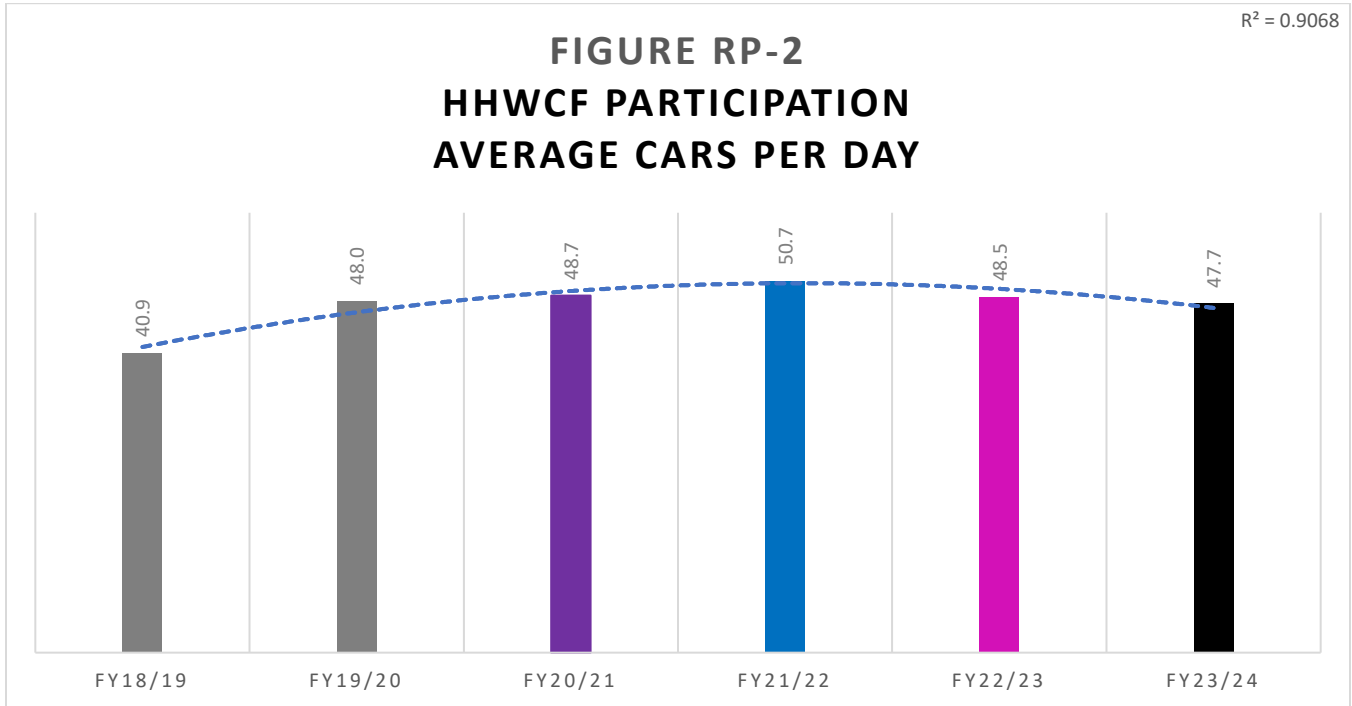
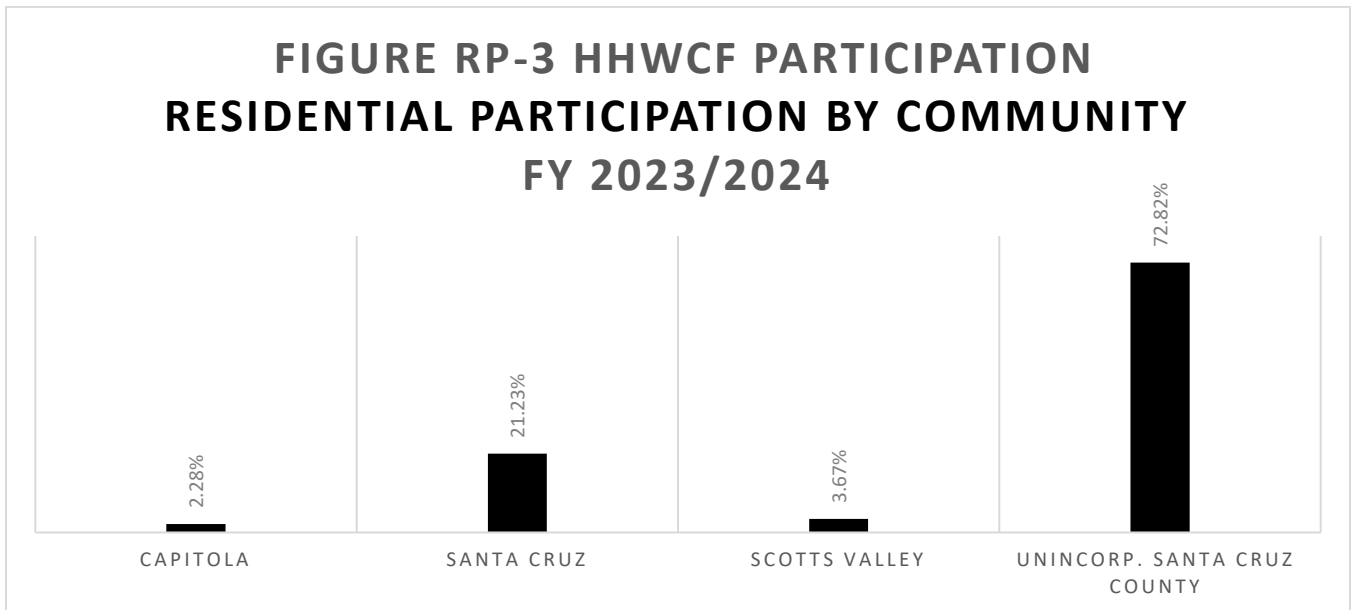


Figure RP-3 presents a comparison of HHW facility usage per community located throughout the County of Santa Cruz. Unincorporated Watsonville category includes unincorporated Watsonville, La Selva Beach, and Corralitos.





**Table RP-1**  
**Residential Participation by Community**  
**FY 2023/2024**

Table RP-1 presents a comparison of HHW facility usage per community located throughout the County of Santa Cruz.

<b>Community</b>	<b>Total Number Customers</b>	<b>Percentage</b>
<b>Capitola</b>	225	2.28%
<b>Santa Cruz</b>	2095	21.23%
<b>Scotts Valley</b>	362	3.67%
<b>Unincorporated Santa Cruz County<sup>5</sup></b>	7184	72.82%
	<b>9,866</b>	<b>100.00%</b>

<sup>5</sup> Total number of households excludes City of Watsonville HHW. The City of Watsonville provides their own HHW program to residents within their jurisdiction.

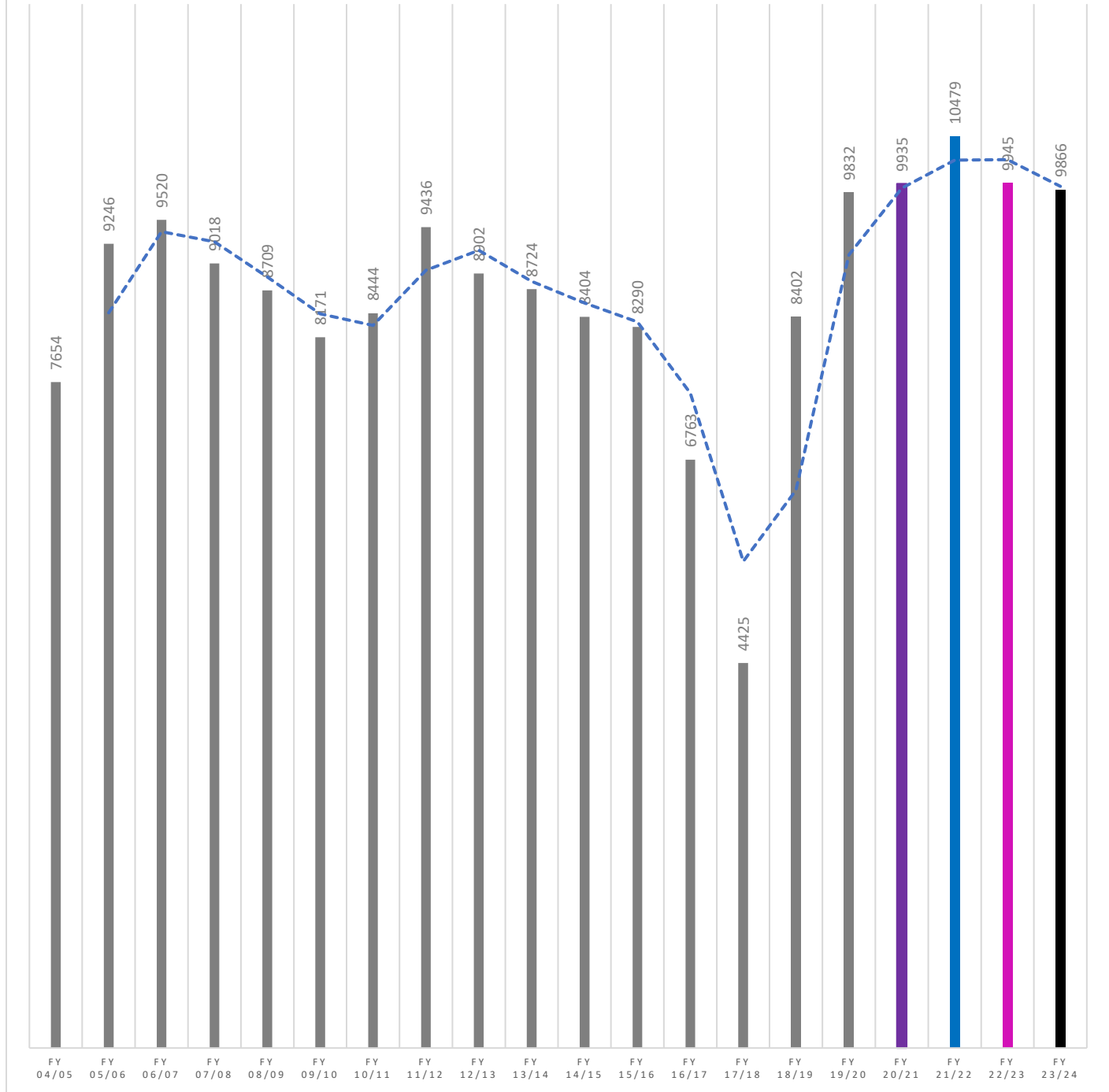
**Table RP-2**  
**Percentage of Households in Service Area and Participation by Community**  
**FY 2023/2024**

<b>Community</b>	<b>Number of Households<sup>6</sup></b>	<b>% Of Households in Service Area</b>	<b>HHW Facility Participation</b>	<b>% Of Total Served</b>
Capitola	5,516	5.95%	225	2.28%
Santa Cruz	24,506	26.43%	2,095	21.23%
Scotts Valley	5,011	5.40%	362	3.67%
Unincorporated Santa Cruz County	57,702	62.22%	7,184	72.82%
<b>Total</b>	<b>92,735</b>	<b>100.00%</b>	<b>9,866</b>	<b>100.00%</b>

<sup>6</sup> Santa Cruz County estimate based on E-5 Population and Housing Estimates January 2024 California Department of Finance data. Total number of households excludes City of Watsonville HHW. The City of Watsonville provides their own HHW program to residents within their jurisdiction.

Figure RP-4 presents a comparison of HHW facility usage per community located throughout the County of Santa Cruz. The trend line shows the two-period moving average.

**FIGURE RP-4  
HHWCF PARTICIPATION  
CUSTOMERS PER YEAR**



## QUANTITIES OF WASTES COLLECTED (WC)

The HHW Facilities had 9,866 tracked customers last year, disposing over 528,239 pounds of hazardous and universal waste. Permanent hours of operation at all three facilities allow the public to drop-off their HHW without an appointment to residents (businesses are required to make an appointment with accordance to Title 22, Cal. Code Regs., sections 67450.25 (a)(3)(B) and 67450.4(b)(9)).

Reuse is always the first preference for managing any waste stream. Latex paint is sent to PaintCare facilities that recycle or re-process it into new paint or other latex based products.

Recycling is the second priority for the program. Oil, antifreeze, used oil filters, batteries, fluorescent lights, ballasts, and miscellaneous household products are all recycled through the program. Flammable liquid wastes are blended for shipment to fuel supplement programs. Many of the non-reusable thinners, solvents, cleaners, and waxes are bulked together to minimize costs and maximize reuse as a fuel supplement. Most non-poisonous and non-corrosive aerosol spray cans are depressurized, and fuel blended at permitted hazardous waste processing facilities. No suspected dioxin precursors, reactive material, unknown materials, or pesticides are fuel blended.

Beginning the 2013-2014 fiscal year the County entered into an agreement with PaintCare, a product stewardship program, to become a PaintCare “Drop Off” Facility. Architectural latex and oil-based paints and stains are collected under the program. PaintCare makes payments to the County for latex paint that is processed for reuse. Oil based paints and stains are no longer bulked together into drums but are placed in cubic yard boxes to be processed at PaintCare approved facilities. PaintCare contracts directly with haulers and hazardous waste treatment facilities to transport and properly dispose of the oil-based paint products collected at the County’s HHW Facilities. PaintCare has agreements with some local paint retailers allowing residents and businesses the opportunity to drop off unwanted paint at a participating retail store. This provides convenient location options for paint disposal throughout the County and lessens the burden of the HHW Program having to manage and dispose of the paint.

Waste treatment is the disposal choice for a small part of the waste stream. Inorganic acids, bases and most oxidizers are sent to treatment facilities that perform neutralization. Other wastes such as pesticides, organic acids, organic peroxides, reactive wastes, and certain special wastes are sent for high temperature destructive incineration at a permitted hazardous waste incinerator.

Landfill, though the least expensive of disposal options, is the final and lowest priority option for waste disposal and is reserved for the very minor amounts of wastes that have no other treatment or reuse

method, such as asbestos. Landfilled materials are sent to a Class I Landfill permitted to accept hazardous waste.

The HHW Collection Program disposed or recycled 528,239 pounds of waste during FY 2023/2024. This is about 76,681 pounds decrease compared to last year (-12.68% from the previous fiscal year). With the addition of the hazardous waste was collected and processed through the HHW Collection Facility (see Table WC-1). An average of about 53.54 pounds of HHW per car was dropped off by 9,866 customers (residents and small business appointments). The wastes were shipped from the HHW Collection Facility for reuse, recycling, fuel blending, incineration, treatment, or landfill.

The California Department of Resources Recycling and Recovery (CalRecycle) requires a Form 303 report each fiscal year (July through June) summarizing the amount, the types of hazardous waste processed and a breakdown of the waste management method for each type of hazardous waste collected. The FY 2023-2024 Form 303 report is included in Appendix I.

The average weight of hazardous waste collected per car reduced from the previous year from 60.8 pounds of waste to 53.54 pounds of waste. The trend line shows a decrease of waste with a correlation coefficient of 94.56%. See Figure WC-1.

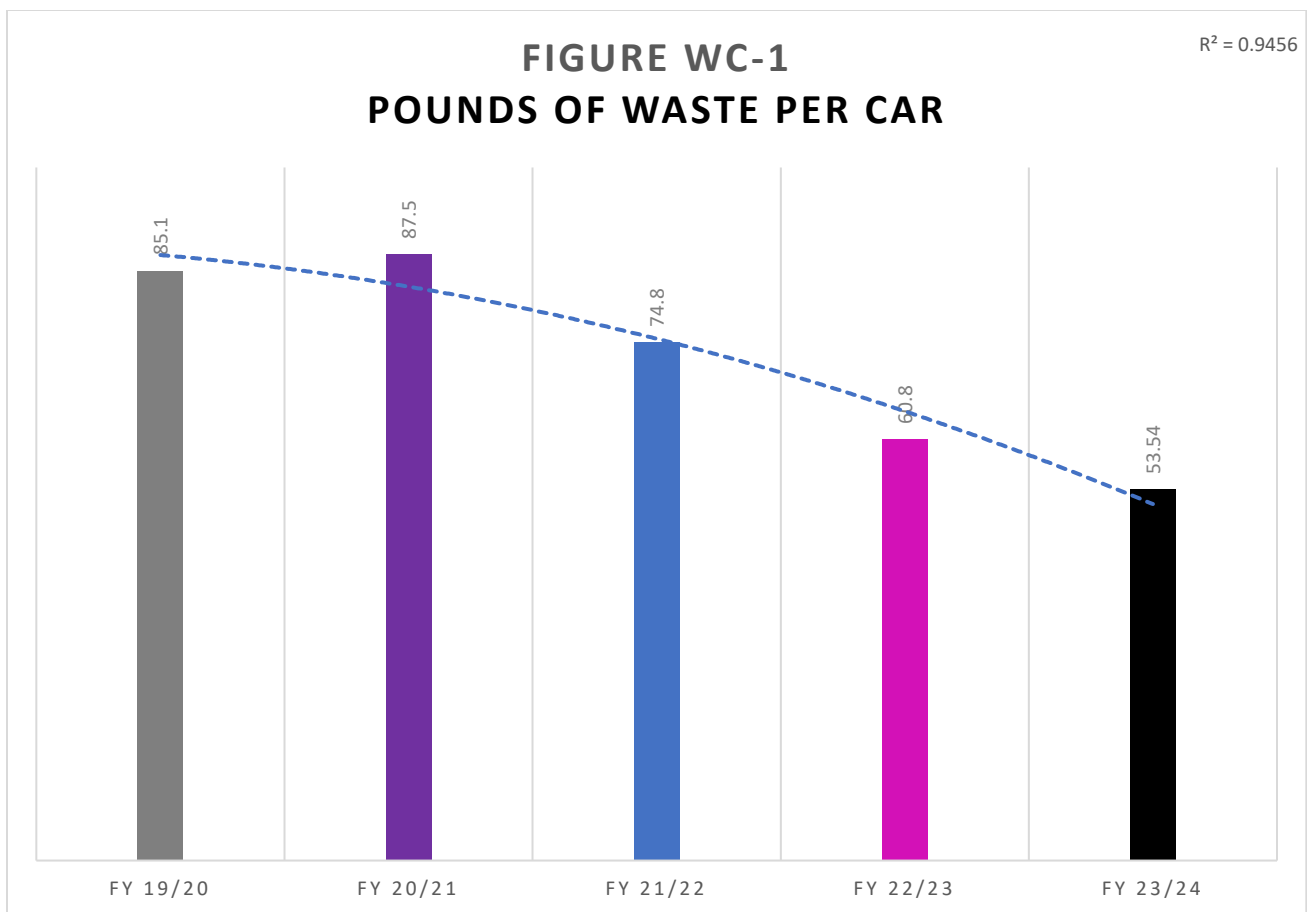


Figure WC-2 presents a breakdown of hazardous wastes processed by type of waste. The transportation classifications on the shipping documents were used as the primary means for segregation into waste type.

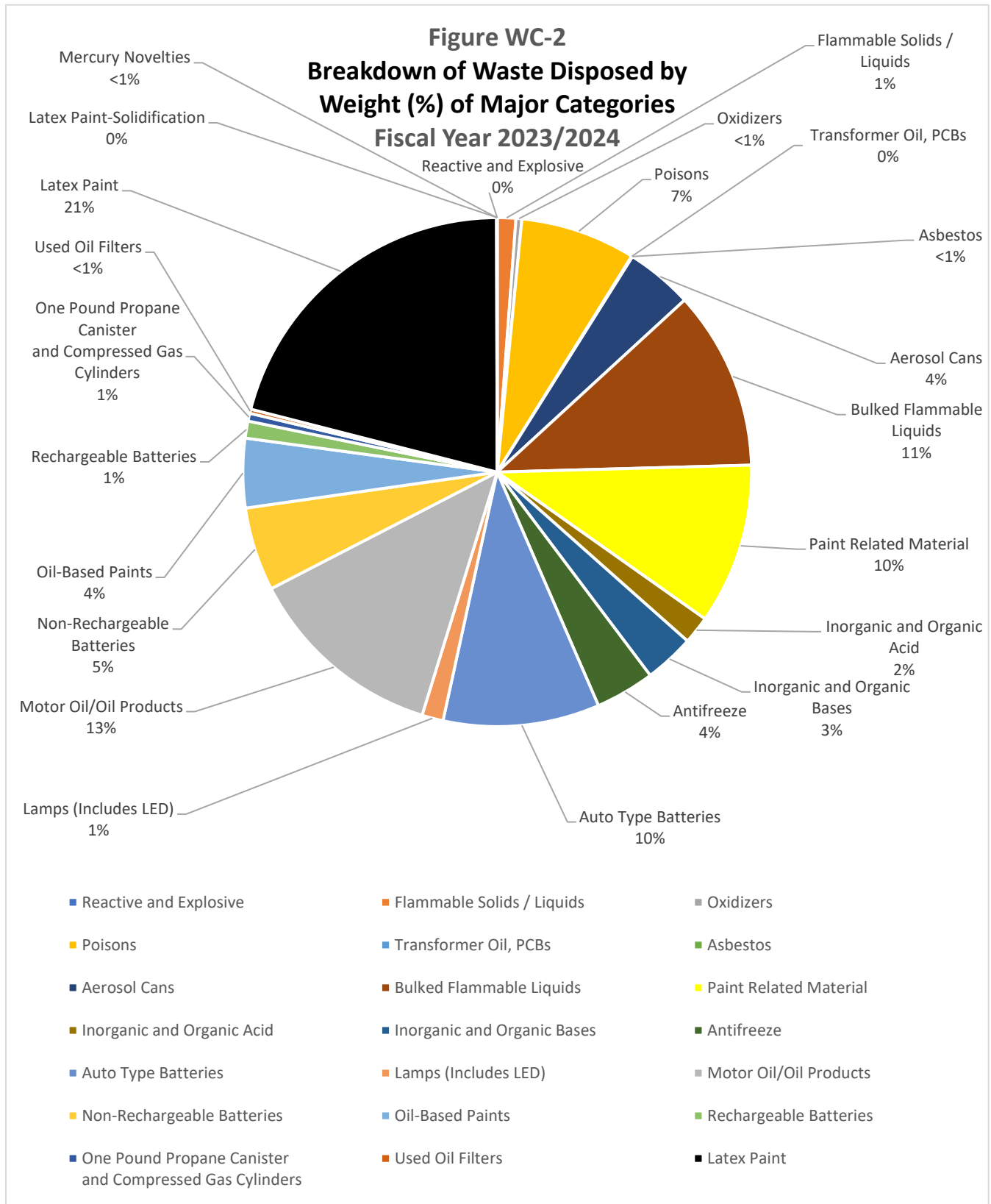
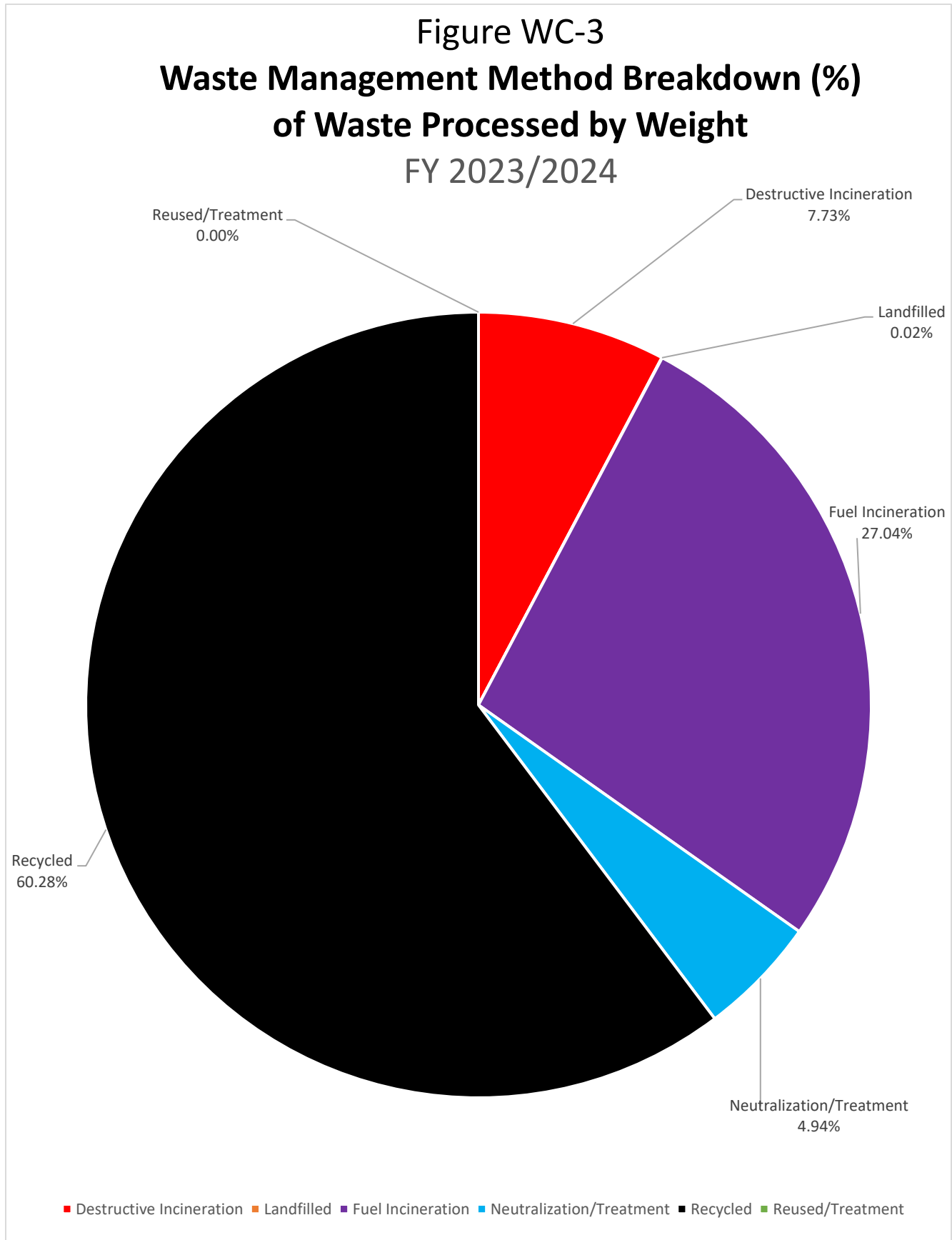


Figure WC-3 presents the distribution of hazardous wastes processed by management method.



**Table WC-1**  
**Quantity of Landfill Diverted Waste and Disposal Method**  
**FY 2023/2024**

The following is a breakdown of the types and quantities of hazardous wastes disposed by all sites compared from last fiscal year.

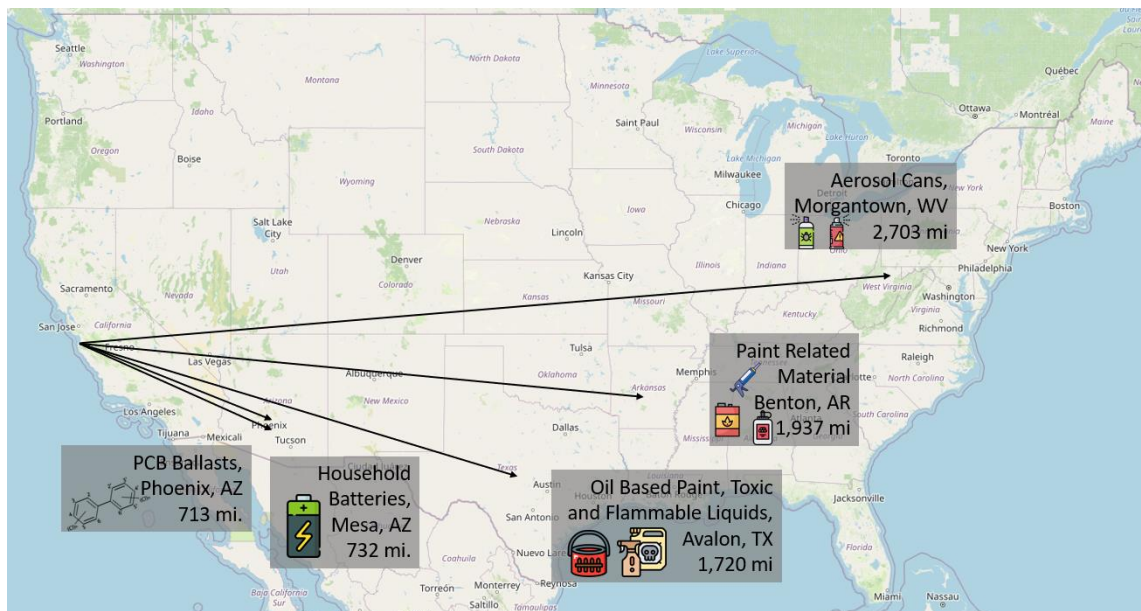
Management Method	Material Type	FY 20/21 Quantity (Pounds)	FY 21/22 Quantity (Pounds)	FY 22/23 Quantity (Pounds)	FY 23/24 Quantity (Pounds)	Percent Change FY	Disposal Company
Destructive Incineration	Reactive and Explosive	39	110	0	0	0.00%	Clean Earth
Fuel Incineration	Flammable Solids / Liquids	265	260	275	6,220	2161.82%	Clean Earth
Stabilization/ Destructive Incineration	Oxidizers	2,433	2,615	978	1,967	101.12%	Clean Earth
Destructive Incineration	Poisons	48,400	40,300	38,050	38,662	1.61%	Clean Earth
Destructive Incineration	Transformer Oil, PCBs	800	348	660	200	-69.70%	Clean Earth
Landfilled (Not at Buena Vista)	Asbestos	200	580	1,235	100	-91.90%	Clean Earth
Fuel Incineration	Aerosol Cans	22,270	21,675	11,800	22,475	90.47%	Clean Earth
Fuel Incineration	Bulked Flammable Liquids	69,265	52,715	60,975	60,125	-1.39%	Clean Earth
Fuel Incineration	Paint Related Material	81,900	66,050	65,100	54,003	-17.05%	Clean Earth
Neutralization / Treatment	Inorganic and Organic Acid	11,373	9,600	8,280	9,325	12.62%	Clean Earth
Neutralization / Treatment	Inorganic and Organic Bases	19,318	14,900	11,801	16,765	42.06%	Clean Earth
Recycled	Antifreeze	23,805	27,871	11,262	19,869	76.43%	Bayside Oil II
Recycled	Auto Type Batteries	61,872	61,090	36,603	52,480	43.38%	A&S Recycling/SIMS Recycling
Recycled	Lamps (Includes LED)	15,425	8,585	9,935	7,150	-28.03%	ReVolt Recycling
Recycled	Motor Oil/Oil Products	109,921	98,480	64,312	66,832	3.92%	Bayside Oil II
Recycled	Non-Rechargeable Batteries	20,000	35,860	20,250	28,060	38.57%	Clean Earth
Recycled	Oil-Based Paints	38,408	36,543	34,123	23,241	-31.89%	PaintCare
Recycled	Rechargeable Batteries	2,800	4,175	1,250	5,700	356.00%	Clean Earth
Recycled	One Pound Propane Canister and Compressed Gas Cylinders	1,885	1,915	1,977	2,643	33.69%	Clean Earth
Recycled	Used Oil Filters	3,500	3,000	2,850	1,400	-50.88%	Bayside Oil II
Recycled	Latex Paint	319,901	284,714	215,603	110,800	-48.61%	PaintCare
Recycled	Mercury Novelties	70	53	55	222	303.64%	Clean Earth
Reused/Treatment	Latex Paint-Solidification	15,995	10,440	7,546	0	-100.00%	Santa Cruz County
<b>Total waste throughput, including reused, recycled, and disposed</b>		<b>869,216</b>	<b>781,879</b>	<b>604,920</b>	<b>528,239</b>	<b>-12.68%</b>	

## Figure WC-4 HHW Processing and Disposal Sites (California and Nevada) FY 2023/2024

The figures WC-4 and WC-5 illustrates the processing and final disposal sites and their distances of household hazardous waste that is transported from each of the HHW collection facilities. The closest processing site is in Santa Cruz for motor oil and oil filters, the farthest for aerosol cans in Morgantown, West Virginia.



## Figure WC-5 HHW Processing and Disposal Sites (National) FY 2023/2024





# SHARPS AND MEDICATION TAKE BACK PROGRAMS

## MED-PROJECT (MP)

### MED-Project Overview

MED-Project LLC operates a Product Stewardship Plan for Unwanted Medicine and Sharps from Households in the County of Santa Cruz under the Santa Cruz County Safe Drug and Sharps Disposal Ordinance, Santa Cruz County Code sections 7.95.010 – 7.95.120.

During FY 2023/2024, MED-Project's Program collected and disposed of Unwanted Medicine from nine Unwanted Medicine Kiosk Drop-Off Sites and Sharps from four Sharps Kiosk Drop-Off Sites. MED-Project also distributed the following during the Reporting Period:

- Unwanted Medicine Mail-Back Packages at five Unwanted Medicine Mail-Back Distribution Locations.
- Sharps Containers at four Sharps container distribution locations.
- Sharps information at two Sharps information material sites.
- Sharps information and materials at three combined Sharps container and information distribution sites.

Collection Method and Weight:

### Kiosks

- MED-Project collected **2,943 pounds** (FY 22/23 3,112.6 pounds) of Unwanted Medicine through Unwanted Medicine Kiosk Drop-Off Sites
- MED-Project collected **3,529.5 pounds** (FY 22/23 3,352 pounds) of Sharps through Sharps Kiosk Drop-Off Sites.

### Mail-Back Services

- MED-Project collected a total of **115 packages** (FY 22/23 115 packages) of Unwanted Medicine program during the Reporting Period.
- MED-Project collected a total of **31 packages** (FY 22/23 13 packages) of Sharps through the return Sharps mail-back program during the Reporting Period.

# Santa Cruz County, CA – Medicine/Sharps Disposal Program

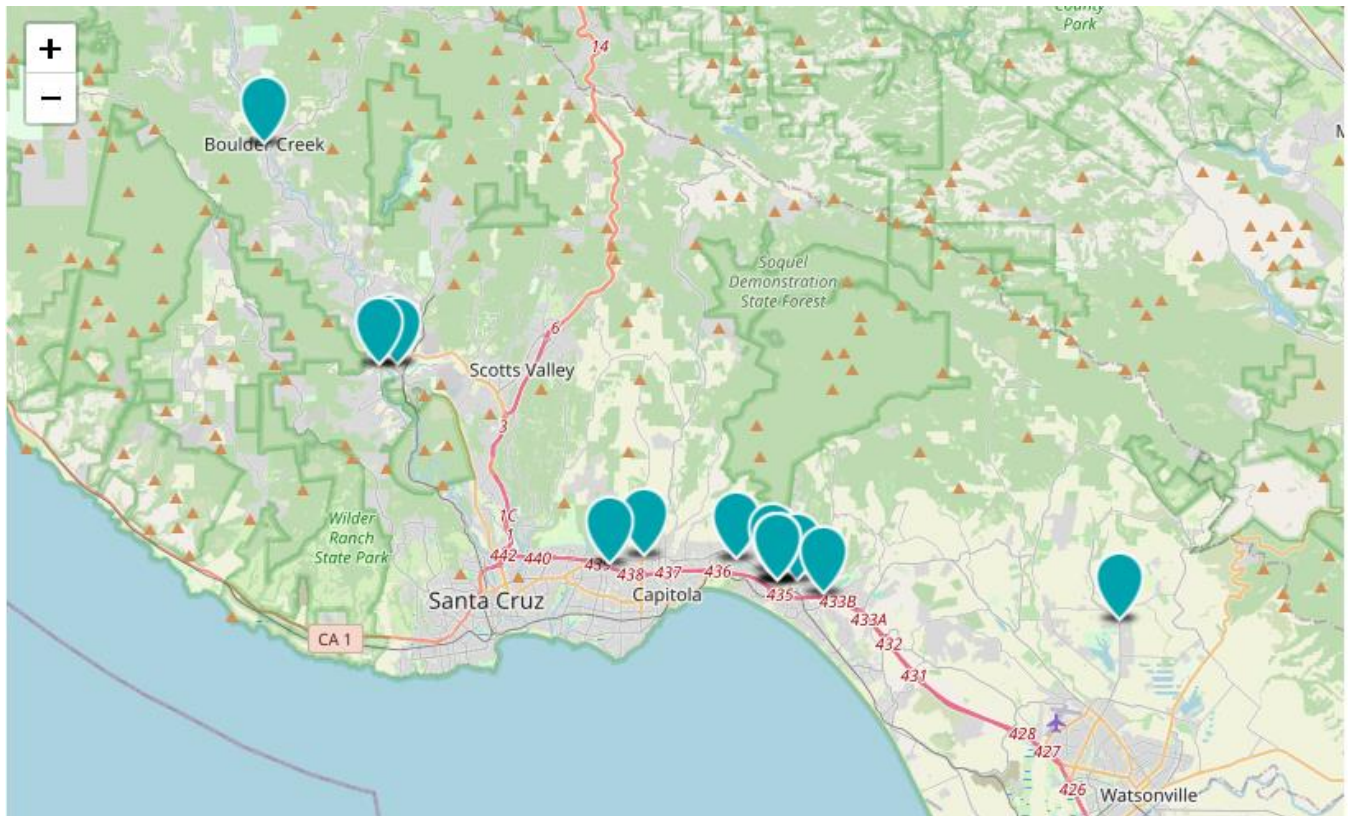
Get Started

## What should you do with your expired or unwanted medicine or sharps?

Medicine helps treat diseases, manage chronic conditions, and improve health and well-being for millions of Americans. It is important that patients take their medicine as prescribed by their health care provider. However, if you have expired or unwanted **medicine** or **sharps**, proper disposal is important and easy.



Screen capture of the MED-Project Website. <https://med-project.org/locations/santa-cruz-county/>



Screen capture of the MED-Project kiosks and mail-back distribution sites.

<https://med-project.org/locations/santa-cruz-county/>

**Table MP-1  
Unwanted Pharmaceutical Kiosk Collection Locations  
FY 2023/2024**

Site	Address	Town	Zip Code
Boulder Creek Pharmacy	13081 Central Avenue	Boulder Creek	95006
CVS Pharmacy 03952	783 Rio del Mar Blvd. #3	Aptos	95003
CVS Pharmacy 09853	6247 Graham Hill Road	Felton	95081
Frank's Pharmacy	7548 Soquel Drive	Aptos	95003
Sheriff's Office – Aptos Service Center	171 Aptos Village Way, Suite T1	Aptos	95003
Sheriff's Office – Headquarters	5200 Soquel Ave.	Santa Cruz	95062
Sheriff's Office – San Lorenzo Valley Service Center	6062 Graham Hill Road	Felton	95018
Sheriff's Office – South County Service Center	790 Green Valley Road	Watsonville	95076
Sheriff's Office – Cabrillo College	6500 Soquel Drive	Aptos	95003

Note: The weight of Unwanted Medicine for each one of the Kiosk locations to protect the amount of medicine that is collected at each location.

**Table MP-2  
Unwanted Sharps Kiosk Drop-Off Collection Locations and Data  
FY 2023/2024**

Site	Address	City	FY 20/21	FY 21/22	FY 22/23	FY 23/24	Percent Change
Boulder Creek Pharmacy	13081 Central Ave.	Boulder Creek	532	556	678	1031	52.06%
CVS Pharmacy 03952	783 Rio del Mar Blvd. #3	Aptos	825	813	904	932	3.10%
CVS Pharmacy 09853	6247 Graham Hill Road	Felton	644	774	932	826	-11.37%
Frank's Pharmacy	7548 Soquel Drive	Aptos	776	741	838	693	-17.30%
Mailed In Packages			N/A	14	13	31	138.46%
<b>Total Pounds Collected*</b>			2,777	2,898	3,365	3,513	4.40%

\*The locations and total weight of Sharps collected and disposed of from Sharps Kiosk.

**Table MP-3  
Unwanted Medicine Mail-Back Distribution Locations  
FY 2023/2024**

Site	Address	City	Zip Code
Dominican Plaza Pharmacy	1595 Soquel Drive	Santa Cruz	95065
Rite Aid Pharmacy 5965	80 Ranch Del Mar	Aptos	95003
Rite Aid Pharmacy 5968	6123 Highway 9	Felton	95018
Safeway Pharmacy 0640	16 Rancho Del Mar	Aptos	95003
Safeway Pharmacy 1929	2720 41 <sup>st</sup> Ave.	Soquel	95073

Locations within the Jurisdiction where Unwanted Medicine mail-back packages were distributed to Residents.

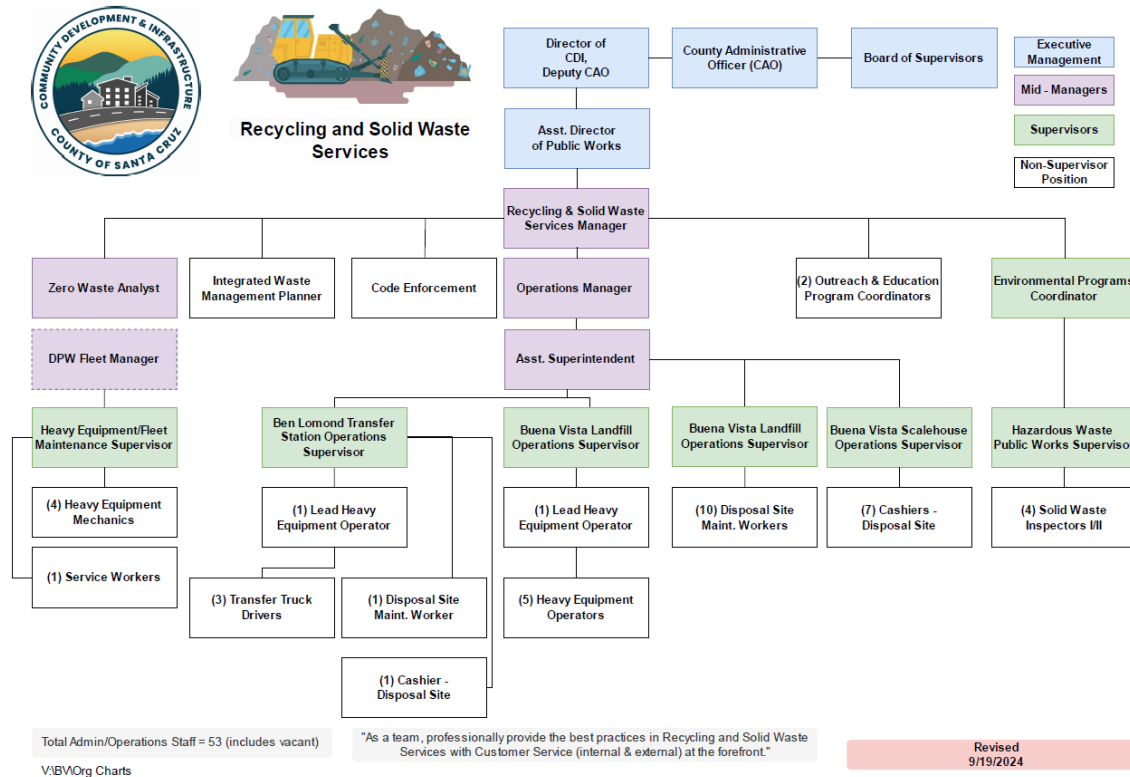
# BUDGET ITEMIZATIONS – FACILITIES OPERATION

## REVENUE AND EXPENSES (RE)

### Personnel Overview

The Household Hazardous Waste Program staff consists of 4.5 full-time employees (FTE) Solid Waste Inspectors, 1.0 FTE Public Works Supervisor for HHW, and 0.65 Environmental Programs Coordinator. All Inspectors are trained in hazardous materials handling and complete the required eight-hour OSHA Hazardous Waste Operation certification annually. Due to this advanced training, the Inspectors respond to any County solid waste facility related incidents involving hazardous materials. The Inspectors also perform load checking and environmental monitoring of ground water, leachate, landfill gas, surface water and stormwater, which consumes approximately 0.5 FTE. The Public Works Supervisor and Solid Waste Inspectors are under direct supervision of the Environmental Programs Coordinator, which is a staff position in the Recycling and Solid Waste Services section of the Public Works Department.

**Figure RE-1**  
**Solid Waste and Recycling Organization Chart**  
**FY 2023/2024**

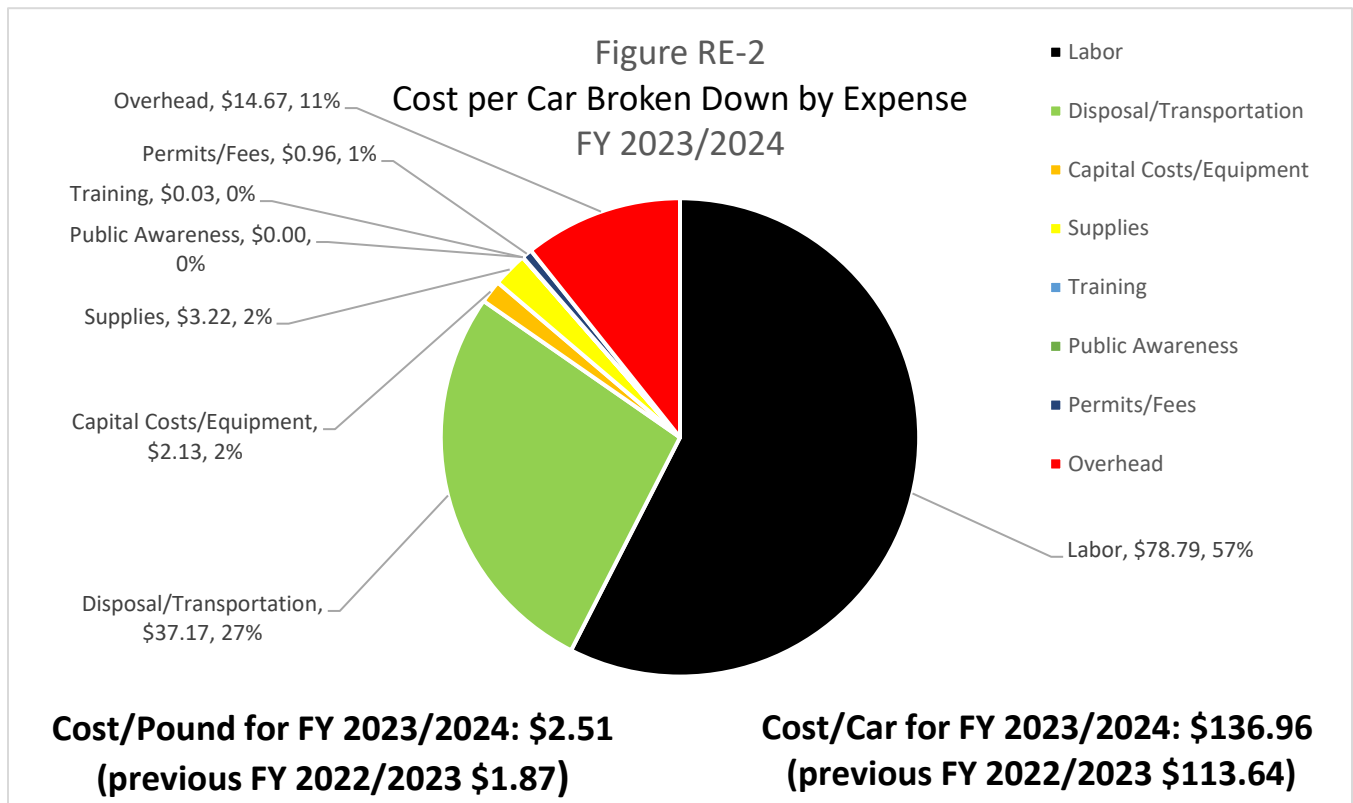


**Table RE-1**  
**Revenue and Expenses**  
**FY 2023/2024**

Table RE-1 presents a full summary of revenue and expenses for the HHW Collection Facility for FY 2023/2024 compared to the previous year.

	Prior F/Y 2022/2023	Current F/Y 2023/2024
<b>Personnel Expenses</b>		
Administrative (Management/Supervision)	\$ 139,008	\$ 163,440
Public Works Supervisor (1.0 FTE)	\$ 572,248	\$ 605,890
Solid Waste Inspectors (4.5 FTE)		
<b>Personnel Labor Total</b>	<b>\$ 711,256</b>	<b>\$ 769,330</b>
<b>Disposal</b> - Hazardous and Universal Waste disposal services for fiscal year 2023/2024 were performed under contracts and purchase orders. The following is a summary of those costs by vendor:		
Clean Earth (formally Stericycle) – Transportation and Disposal Services, Supplemental Labor, Supplies	\$ 208,789	\$ 342,874
Bayside Oil II - Transportation and Recycling Services for Antifreeze and Absorbent*	\$ 4,205	\$ 2,473
ReVolt Recycling - Transportation and Recycling Services for Fluorescent Lights and LED Lights	\$ 27,373	\$ 17,589
Services for Sharps/Hypodermic Needles**	\$ 0	\$ 0
*Waste Oil and Oil Filters disposal paid through CalRecycle’s Oil Payment Program. **Collection and disposal funded through Santa Cruz County MED-Project for home medicines program.		
<b>Disposal Total</b>	<b>\$ 240,367</b>	<b>\$ 362,936</b>
<b>Public Education</b> - Costs associated with public education including newspaper and television advertisement, brochure duplication, mailing and HHW Information Exchange Meeting participation.		
<b>Public Education Total</b>	<b>\$ 0</b>	<b>\$ 0</b>
<b>Training Services - 40 Hour OSHA HAZWOPER &amp; Annual 8-hour Re-certification Training.</b>		
<b>Training Services Total</b>	<b>\$ 267</b>	<b>\$ 300</b>
<b>Itemized Materials, Supplies and Miscellaneous Charges</b> - Miscellaneous purchases for supplies, safety gear (PPE), construction materials, labels, uniforms, tools, office supplies, etc.		
<b>Supplies Total</b>	<b>\$ 33,871</b>	<b>\$ 31,429</b>
Permits - County of Santa Cruz, Environmental Health - State Household Hazardous Waste Facilities Permit Fee. Engineering consultant fees for HHW facility environmental permit compliance.		
<b>Permits and Compliance Total</b>	<b>\$ 9,179</b>	<b>\$ 9,345</b>
<b>Capital Improvements</b> - Buena Vista Household Hazardous Waste Trailer Replacement (2nd of 5 annual payments).		
Department Overhead (FY 23/24 12.00%)	\$ 121,885	\$ 143,293
<b>Program Subtotal</b>	<b>\$ 1,137,593</b>	<b>\$ 1,337,401</b>
Revenue from Small Quantity Generators charged according to County Unified Fee Schedule.	\$ -7,801	\$ -12,217
Revenue from PaintCare: Paint handling and processing revenues. PaintCare no longer reimburses for handling and processing revenues starting FY 22/23	\$ 0	\$ 0
<b>TOTAL EXPENDITURES</b>	<b>\$ 1,129,792</b>	<b>\$ 1,325,184</b>

Figure RE-2 breaks down that cost by major expenses categories: labor, waste, materials, capital, and other.



A critical component of the HHW Collection Program is the collection of hazardous wastes from small businesses that qualify as “Conditionally Exempt Small Quantity Generators” (CESQG) under Federal and State hazardous waste management laws. This program is intended to offer small businesses a cost-effective and convenient hazardous waste disposal option. A very small quantity generator is a category of hazardous waste generators who produce the least amount of hazardous waste in a calendar month. According to the US Environmental Protection Agency (EPA), a CESQG generates 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste. CESQGs must identify all the hazardous waste they generate and comply with basic requirements for waste determination, notification, management, storage, and disposal. They may not accumulate more than a certain amount of hazardous waste or acutely toxic hazardous waste on-site at any time. The CESQG program was developed to help businesses and nonprofit organizations dispose of their hazardous waste in compliance with state and federal regulations. CESQGs must comply with three basic waste management requirements to remain exempt from the full hazardous waste regulations that apply to generators of larger quantities. These requirements include: Identifying hazardous waste; Storing hazardous waste safely; Disposing of hazardous waste properly.

Non-profits, landlords, apartment managers, and businesses who generate hazardous waste are considered small businesses and are not exempt from disposal fees.

Small business participation fluctuates from year to year as does the revenue collected. See Figure RE-3 for the current CESQG disposal charges and RE-4 for usage.

**Figure RE-3  
Disposal Charges for Small Quantity Generators  
FY 2023/2024**

WASTE TYPE	PRICE	WASTE TYPE	PRICE
Sorting and Handling Fee (applied to all transactions)	\$35.00	Paint Related Materials	\$4.50
		PCB Ballast	\$3.50
Absorbent	\$1.00	Photo Chemical Liquids	\$8.50
Hazardous Wastes - limit 220 lb. per month		Toxic Liquids	\$6.00
Aerosol Cans	\$1.50	Toxic Solids	\$1.50
Antifreeze	\$1.50	Universal Wastes - not subject to 220 lb. per month limits	
Acids, Bases, Cleaning Materials (inorganic)	\$5.00	Batteries, Household	\$1.50
Acids, Bases, Cleaning Materials (organic)	\$10.00	Batteries, Lithium/Ion	\$5.00
Compressed Gas Cartridge	\$3.50	Fire Extinguishers	\$30.00
Flammable Liquids	\$4.00	Fluorescent Lamps (compact)	\$4.00
Flammable Solids	\$8.50	Fluorescent Lamps (tubes) ≤4 ft	\$2.00
Freon	\$19.00	Fluorescent Lamps (tubes) >4 ft	\$4.00
Mercury	\$10.00	HID Lamps, intact - Mercury Vapor, Sodium Vapor, headlight,	\$4.00
Mercury	\$1.00	LED Lamps	\$2.00
Motor Oil	\$1.00	Shatter Shield Lamps	\$3.00
Oil Filters	\$1.00	Toner, printer	\$2.00
Oil Filters	\$10.00	Ultra Violet, Neon Lamps	\$5.50
One lb. Cylinders	\$8.00	re - not subject to 220 lb. per delivery/month	
Oxidizers, Liquids	\$7.00		
Oxidizers, Solids	\$1.50	Latex Paint (must pay sorting and handling fee)	\$0.00
Non-Regulated	\$3.00	Oil Based Paints (must pay sorting and handling fee)	\$0.00

Figure RE-4 shows the number of CESQG appointments during FY 2023-2024 and the cost recovery to the program from fees that the businesses paid to dispose of their hazardous waste.

## Figure RE-4 Cost Recovery Program for Small Quantity Generators FY 2023/2024

Date 08/19/24  
Time 13:09:29

Santa Cruz County, CA

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### Material Analysis Report by Date

Inbound and outbound materials for the period 07/01/2023 - 06/30/2024  
Summary Report for Sites: 1, 2, 3  
Accounts 0 - 999999 Customer Types - Z Materials 86 - 86 Material Types - ZZ

Date	Material Type	Customer Type	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
			Average		0	0	0	0.00	0.00	90.00
05/15/24			Total	3	0	0	0	0.00	0.00	104.50
			Average		0	0	0	0.00	0.00	34.83
05/22/24			Total	3	0	0	0	0.00	0.00	296.00
			Average		0	0	0	0.00	0.00	98.67
05/24/24			Total	2	0	0	0	0.00	0.00	55.00
			Average		0	0	0	0.00	0.00	27.50
06/05/24			Total	1	0	0	0	0.00	0.00	50.00
			Average		0	0	0	0.00	0.00	50.00
06/12/24			Total	1	0	0	0	0.00	0.00	90.00
			Average		0	0	0	0.00	0.00	90.00
06/22/24			Total	1	0	0	0	0.00	0.00	88.00
			Average		0	0	0	0.00	0.00	88.00
06/26/24			Total	1	0	0	0	0.00	0.00	31.00
			Average		0	0	0	0.00	0.00	31.00

<b>Report Total</b>	<b>124</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>12,216.50</b>
<b>Report Average</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>98.52</b>



# FUTURE OF PROGRAM

The budget for the FY 2024-2025 program was approved at \$1,630,100. Current purchase orders have been renewed at or close to current levels. The contract and purchase orders for waste transportation and disposal services remain with Clean Earth Environmental Services, ReVolt Recycling, and Bayside Oil II. Clean Earth provides transport and disposal of hazardous waste. In addition, they may provide emergency hazardous materials cleanup services upon request from the County of Santa Cruz.

Countywide outreach and education on the HHW program are minimally funded. Staff will continue to perform outreach as needed with residents and businesses and at the Earth Day event in April in Santa Cruz. Information on the HHW program, including days and hours of operation is available on the web site at: [HHW.santacruzcountyca.gov](http://HHW.santacruzcountyca.gov).

Inclusion of conditionally exempt small quantity generators (CESQG: business that generate < 27 gallons hazardous waste or < 2.2 pounds of extremely hazardous waste per month) into the HHW program has continued. The HHW Program accepted drop-offs from 124 SQGs this reporting period. Charging SQGs to recover disposal costs associated with handling their hazardous waste began in fall 2008. These rates are included in the County's Unified Fee Schedule. For the 2023/2024 fiscal year, \$12,216.50 was recovered for the HHW Program from fees charged to SQGs. The PaintCare architectural paint stewardship program payments to the HHW Program for handling and processing latex ceased in the fiscal year 2022/2023. PaintCare will collect all latex paint regardless of the condition of the paint for reuse and recycling. CESQG was added to the budget to help offset annual HHW Program costs. CESQG fees have been increased to account overhead and labor of the waste in addition to the materials to ship and store the waste.

Having completed its 33<sup>rd</sup> year of operation, the Household Hazardous Waste program continues to be a successful component of the County Recycling and Solid Waste Services. Since its beginning, this program has allowed 92,735 households and small businesses in the County of Santa Cruz community to safely dispose of their household hazardous wastes and looks forward to serving future customers.

## **APPENDIX**

### **CalRecycle Form 303 Household Hazardous Waste Collection Information for 2023/2024**



DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY

1001 I STREET, SACRAMENTO, CALIFORNIA 95814 • www.CalRecycle.ca.gov • (916) 322-4027
P.O. BOX 4025, SACRAMENTO, CALIFORNIA 95812

Form CalRecycle 303 Household Hazardous Waste Collection Information For 2023-2024

Name of Public Agency Reporting: County of Santa Cruz
HHW Program Manager: Kasey Kolassa ,Recycle & Solid Waste Srv. Mgr.
Address: Santa Cruz Co. Dept. of Public Works 701 Ocean Street, Room 410 Santa Cruz, CA 95060
Phone Number: (831) 454-2160
Fax Number: (831) 454-2385
Email: dpw128@co.santa-cruz.ca.us
Contractor's Name: Clean Earth Inc. (formally Stericycle)
Participating Households: 9,866 Method: Number of Vehicles
Participating Households includes non-residential (CESQG,schools,nonprofits,etc.): Yes
Service Area Households: 92,735

Participants Represented by Reporting Jurisdiction/Agency (i.e., individual city(ies), county(ies), other agency(ies)):

Capitola Santa Cruz Santa Cruz-Unincorporated Scotts Valley

Permanent Facilities within Program Service Area:

Table with 6 columns: Facility Name, EPAID, Site Contact, Phone, Facility Address, County. Rows include Buena Vista Landfill, Ben Lomond Transfer Station, and Santa Cruz City Resource Recovery Facility.

Program Types:

Table with 8 columns: Program Type, EPAID, Program Type, EPAID, Program Type, EPAID, Program Type, EPAID. Rows include Permanent Facility and Ben Lomond Transfer Station.



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Collection (pounds)	Material Type	Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program	Load Check	Other
<b>Flammable and Poison</b>	Flammable solids / liquids	6,220							
	Bulked flammable liquids	60,125							
	Oil-based paints	23,241							
	Paint Related Material (PRM)	54,003							
	Poisons	38,662							
	Reactive and explosive								
	Compressed gas cylinders								
	1 lb propane canister	2,643							
	<b>Flammable and Poison subtotal</b>	<b>184,894</b>							
<b>PCB-containing</b>	PCB-containing paint								
	Other PCB waste (includes ballasts)	200							
	<b>PCB-containing subtotal</b>	<b>200</b>							
<b>Reclaimable</b>	Antifreeze	19,869							
	Auto type batteries (motor vehicles)	52,480							
	Latex paint	110,800							
	Motor oil/oil products								
	Used oil filters (recyclables only)								
	<b>Reclaimable subtotal</b>	<b>183,149</b>							
<b>Acid</b>	Inorganic and organic acid	9,325							
<b>Base</b>	Inorganic and organic base	16,765							
<b>Oxidizer</b>	Neutral oxidizers, Organic peroxides, Oxidizing acid/base	1,967							
<b>Asbestos</b>	Asbestos	100							
<b>Universal Waste (UW)*</b>	Mercury containing automatic switches / thermometers / and novelties	222							
	Mercury containing thermostats								
	Mercury containing waste (other)								
	Lamps	7,150							
	Photovoltaic Modules								
	Other batteries	28,060							
	Aerosol cans	22,475							
	Rechargeable batteries	5,700							



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Collection (pounds)	Material Type	Permanent Facility	Temporary (periodic) Facility	Mobile Facility	Recycle-only Facility	Door to Door (residential) Program	Curbside Program	Load Check	Other
<b>Electronic Devices (UW)</b>	Covered Electronic Devices								
	Other Electronic Devices								
	<b>Electronic Devices (UW) subtotal</b>								
	<b>Universal Waste (UW)* + Electronic Devices (UW) subtotal</b>	<b>63,607</b>							
<b>Other</b>	Home-generated sharps waste								
	Home-generated pharmaceutical waste								
	Treated wood								
	Other								
	Reuse Total								
	<b>Other subtotal</b>								
	<b>Grand Total</b>	<b>460,007</b>							



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Disposition (pounds)	Material Type	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Steward
<b>Flammable and Poison</b>	Flammable solids / liquids		6,220						
	Bulked flammable liquids		60,125						
	Oil-based paints					23,241			
	Paint Related Material (PRM)		54,003						
	Poisons	38,662							
	Reactive and explosive								
	Compressed gas cylinders								
	1 lb propane canister					2,643			
	<b>Flammable and Poison subtotal</b>	<b>38,662</b>	<b>120,348</b>			<b>25,884</b>			
<b>PCB-containing</b>	PCB-containing paint								
	Other PCB waste (includes ballasts)	200							
	<b>PCB-containing subtotal</b>	<b>200</b>							
<b>Reclaimable</b>	Antifreeze					19,869			
	Auto type batteries (motor vehicles)					52,480			
	Latex paint					110,800			
	Motor oil/oil products								
	Used oil filters (recyclables only)								
	<b>Reclaimable subtotal</b>					<b>183,149</b>			
<b>Acid</b>	Inorganic and organic acid				9,325				
<b>Base</b>	Inorganic and organic base				16,765				
<b>Oxidizer</b>	Neutral oxidizers, Organic peroxides, Oxidizing acid/base							1,967	
<b>Asbestos</b>	Asbestos			100					
<b>Universal Waste (UW)*</b>	Mercury containing automatic switches / thermometers / and novelties					222			
	Mercury containing thermostats								
	Mercury containing waste (other)								
	Lamps					7,150			
	Photovoltaic Modules								
	Other batteries					28,060			
	Aerosol cans			22,475					
	Rechargeable batteries					5,700			



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Disposition (pounds)	Material Type	Destructive Incineration	Fuel Incineration	Landfill	Neutralization / Treatment	Recycled	Reused	Stabilization	Steward
<b>Electronic Devices (UW)</b>	Covered Electronic Devices								
	Other Electronic Devices								
	<b>Electronic Devices (UW) subtotal</b>								
<b>Universal Waste (UW)* + Electronic Devices (UW) subtotal</b>			<b>22,475</b>			<b>41,132</b>			
<b>Other</b>	Home-generated sharps waste								
	Home-generated pharmaceutical waste								
	Treated wood								
	Other								
	Reuse Total								
<b>Other subtotal</b>									
<b>Grand Total</b>		<b>38,862</b>	<b>142,823</b>	<b>100</b>	<b>26,090</b>	<b>250,165</b>		<b>1,967</b>	