



**Santa Cruz County  
Household Hazardous  
Waste Collection  
Program  
Annual Report  
2021/2022  
October 2022**



# 2021/2022

## SANTA CRUZ COUNTY HOUSEHOLD HAZARDOUS WASTE COLLECTION PROGRAM

# ANNUAL REPORT

The following County of Santa Cruz staff contributed  
to the preparation of this report:

**Brian Fontes**

**Kasey Kolassa**

**Greg Harden**

### **Program Contacts:**

**Brian Fontes**

Household Hazardous Waste Program Supervisor

brian.fontes@santacruzcounty.us

### **HHW Program Information:**

[http://www.dpw.co.santa-cruz.ca.us/Home/RecyclingTrash/HouseholdHazardousWaste\(HHW\).aspx](http://www.dpw.co.santa-cruz.ca.us/Home/RecyclingTrash/HouseholdHazardousWaste(HHW).aspx)

2021/2022

# Household Hazardous Waste Collection Program

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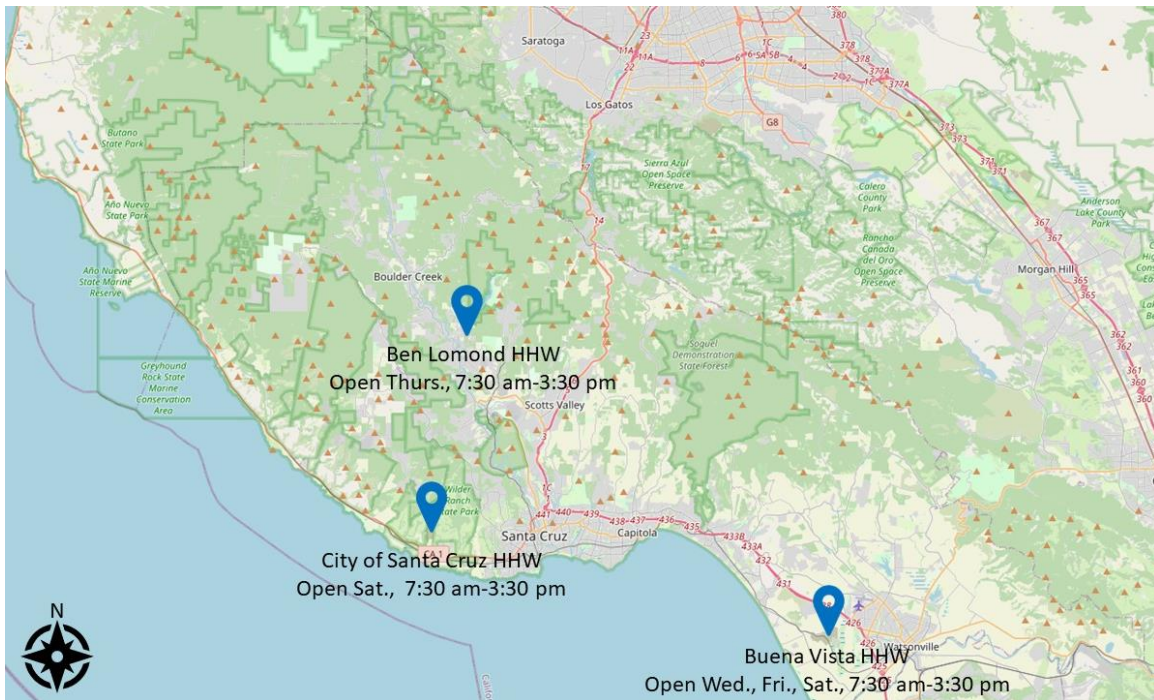
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# INTRODUCTION

This summary report of the Household Hazardous Waste (HHW) Program for fiscal year (FY) 2021/2022 presents the program participation levels, an analysis of the hazardous waste delivered to the facilities, and the costs associated with the program. The HHW Program’s high level of participation and amount of hazardous waste collected and responsibly managed each year, demonstrates its benefits to public health and the environment.

The Santa Cruz County Household Hazardous Waste Collection Program consists of three permanent collection facilities; one located at the Ben Lomond Transfer Station in the inland northern part of the County, a second at the Buena Vista Landfill near Watsonville, serving the southern section of the County, and a third at the City of Santa Cruz Landfill, serving the City of Santa Cruz and the northern coastal section of the County. The HHW program, which began operation in 1991, serves a population of 215,895<sup>1</sup>. The facilities are staffed on an alternating basis, with the Buena Vista location open three days a week (Wednesday, Friday, Saturday)<sup>2</sup>, the Ben Lomond Transfer Station open one day a week (Thursday), and the City of Santa Cruz location open one day a week (Saturday).

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

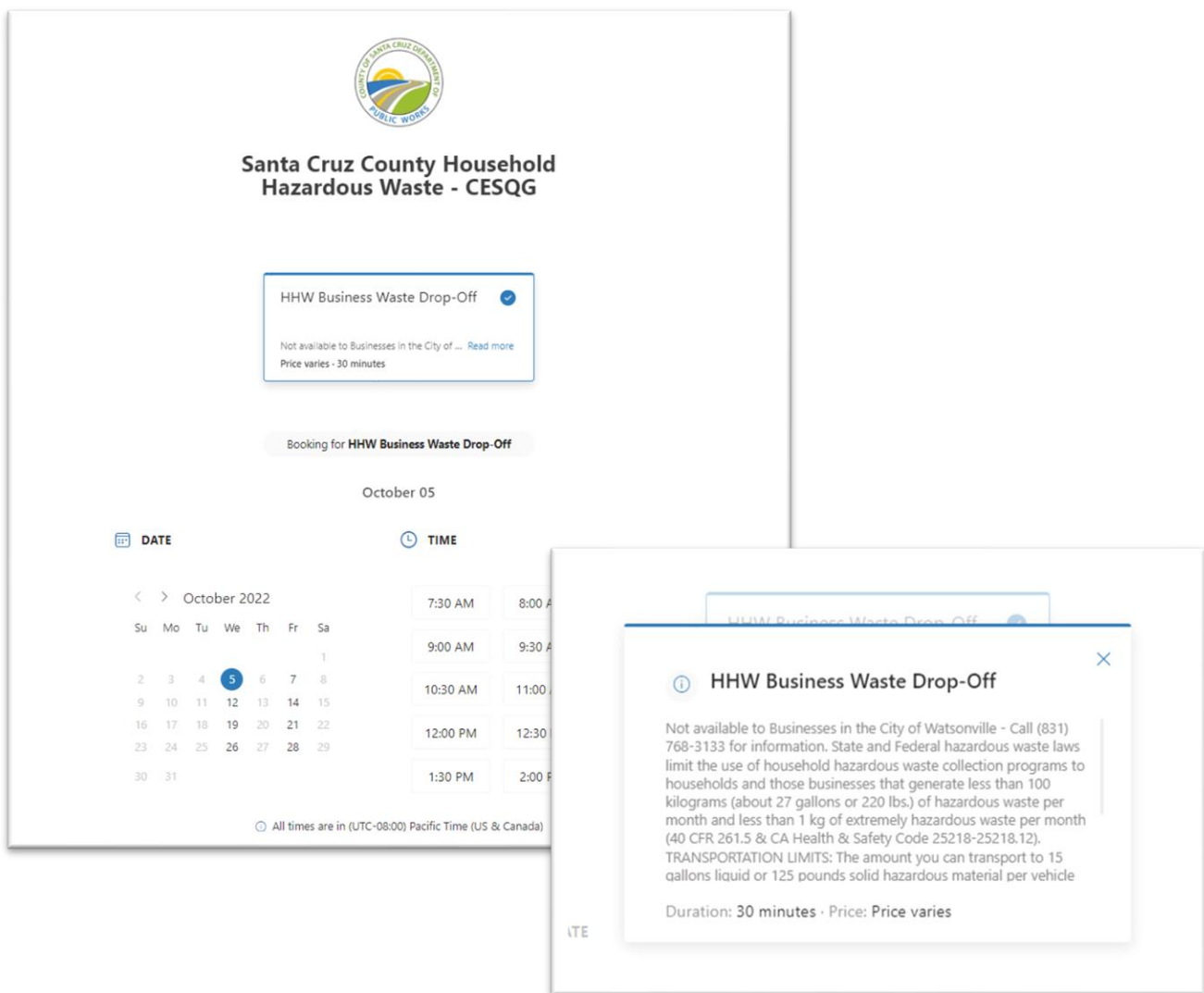


<sup>1</sup> County of Santa Cruz estimate based on E-5Population and Housing Estimates for Cities, Counties, and the State 2020-2022; however, excludes the City of Watsonville.

<sup>2</sup> Beginning July 1, 2012, the Buena Vista HHW location days of operation were switched from Tuesday, Wednesday and Saturday to Wednesday, Friday, and Saturday.

The program diverts household hazardous waste (HHW) from illegal disposal at the County’s and City’s recycling and solid waste facilities by providing the public with a safe, legal, and environmentally acceptable disposal alternative. The public can drop off their household hazardous waste at any of the above facilities during posted days of operation, and automotive batteries can be recycled at all three locations at their respective recycling centers, six days a week (Monday through Saturday). The HHW program also includes acceptance of Small Quantity Generators (SQG), which are businesses that generate less than 27 gallons of hazardous waste per month. SQGs may make appointments to drop off waste at the Buena Vista HHW.

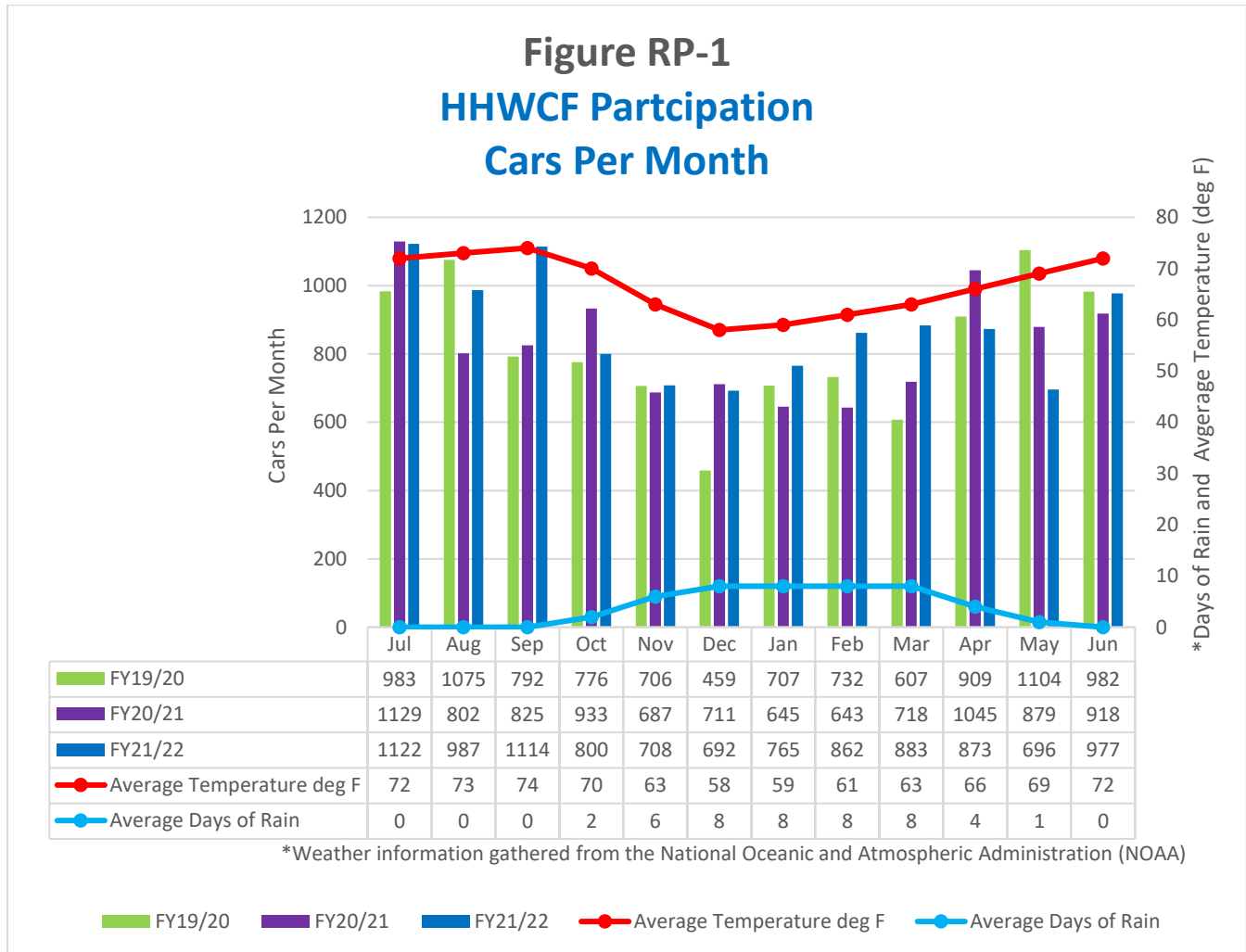
**Figure I-2**  
**Small Quantity Generator Appointment Website**



# RESIDENTIAL PARTICIPATION (RP)

The HHW program is completing its 31st year of operation. During fiscal year 2021- 2022 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 92,196<sup>3</sup> households, with a population of approximately 215,895. 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 692 cars in December and 1,122 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>3</sup> Number of households information gathered from the E-5 Population and Housing Estimates for Cities, Counties, and the State, 2020-2022 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. Trend line shows an increase in customer county with a correlation coefficient of 92.7%.

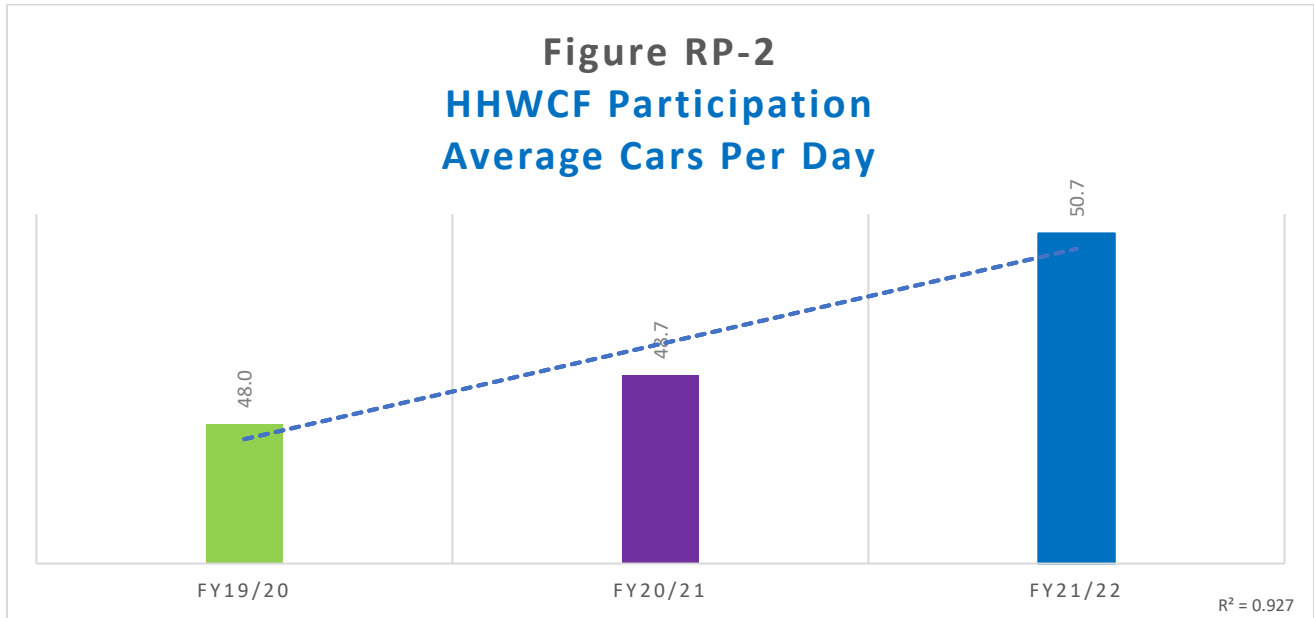
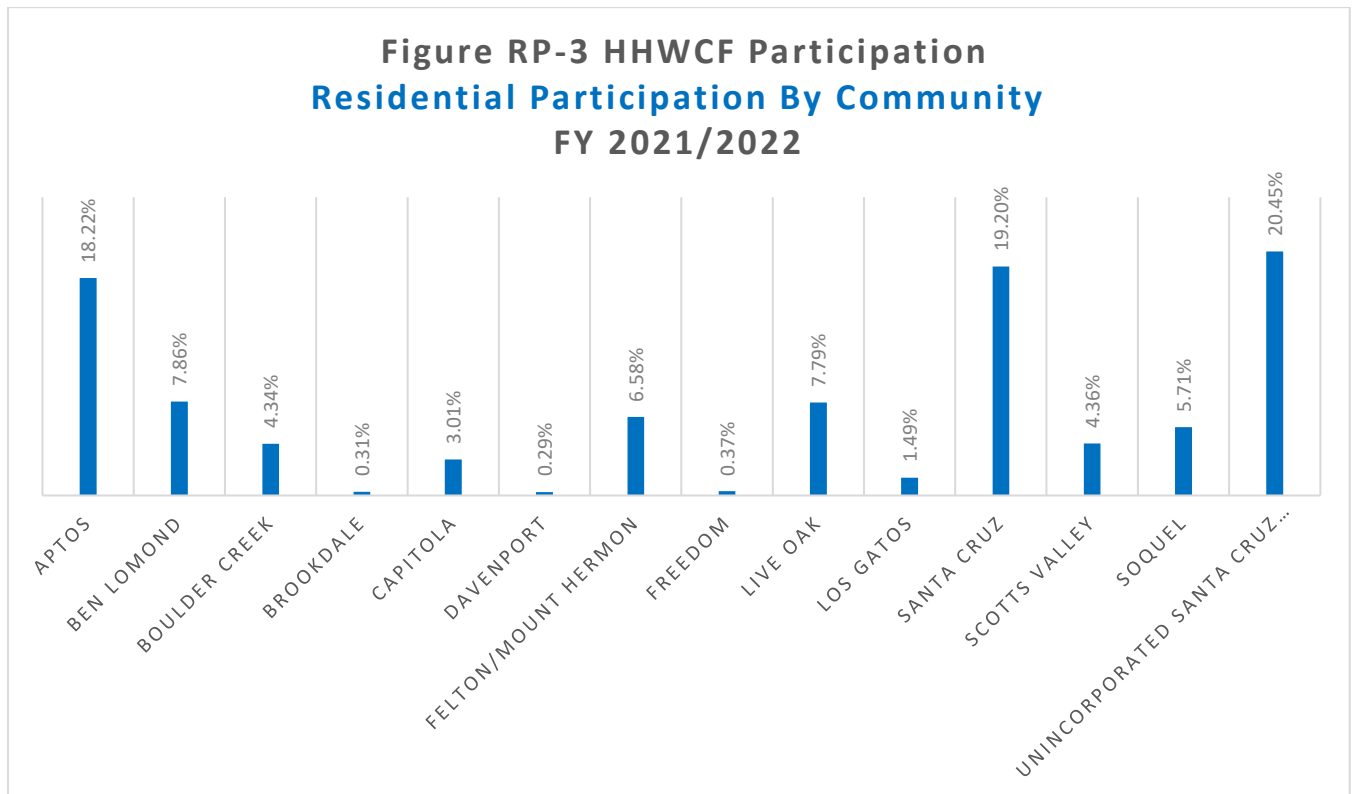


Figure RP-3 presents a comparison of HHW facility usage per community located throughout the County of Santa Cruz. Unincorporated Santa Cruz County category includes unincorporated Watsonville, La Selva Beach and Corralitos.



**Table RP-1**  
**Residential Participation by Community**  
**FY 2021/2022**

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

Community	Total Number Customers	Percentage
<b>Aptos</b>	1,904	18.22%
<b>Ben Lomond</b>	822	7.86%
<b>Boulder Creek</b>	454	4.34%
<b>Brookdale</b>	33	0.31%
<b>Capitola</b>	315	3.01%
<b>Davenport</b>	30	0.29%
<b>Felton/Mount Hermon</b>	687	6.58%
<b>Freedom</b>	38	0.37%
<b>Live Oak</b>	814	7.79%
<b>Los Gatos</b>	156	1.49%
<b>Santa Cruz<sup>4</sup></b>	2,006	19.20%
<b>Scotts Valley</b>	456	4.36%
<b>Soquel</b>	597	5.71%
<b>Unincorporated Watsonville (includes unincorp. Watsonville, La Selva Beach, and Corralitos)<sup>5</sup></b>	2,137	20.45%
	10,449	100.00%

<sup>4</sup> City of Santa Cruz HHW facility closed 4/23/2022 through 6/30/2022. With estimations of 50.7 cars per day and 10 Saturdays the facility was closed would provide an estimated 507 customers not served during the closure of the facility.

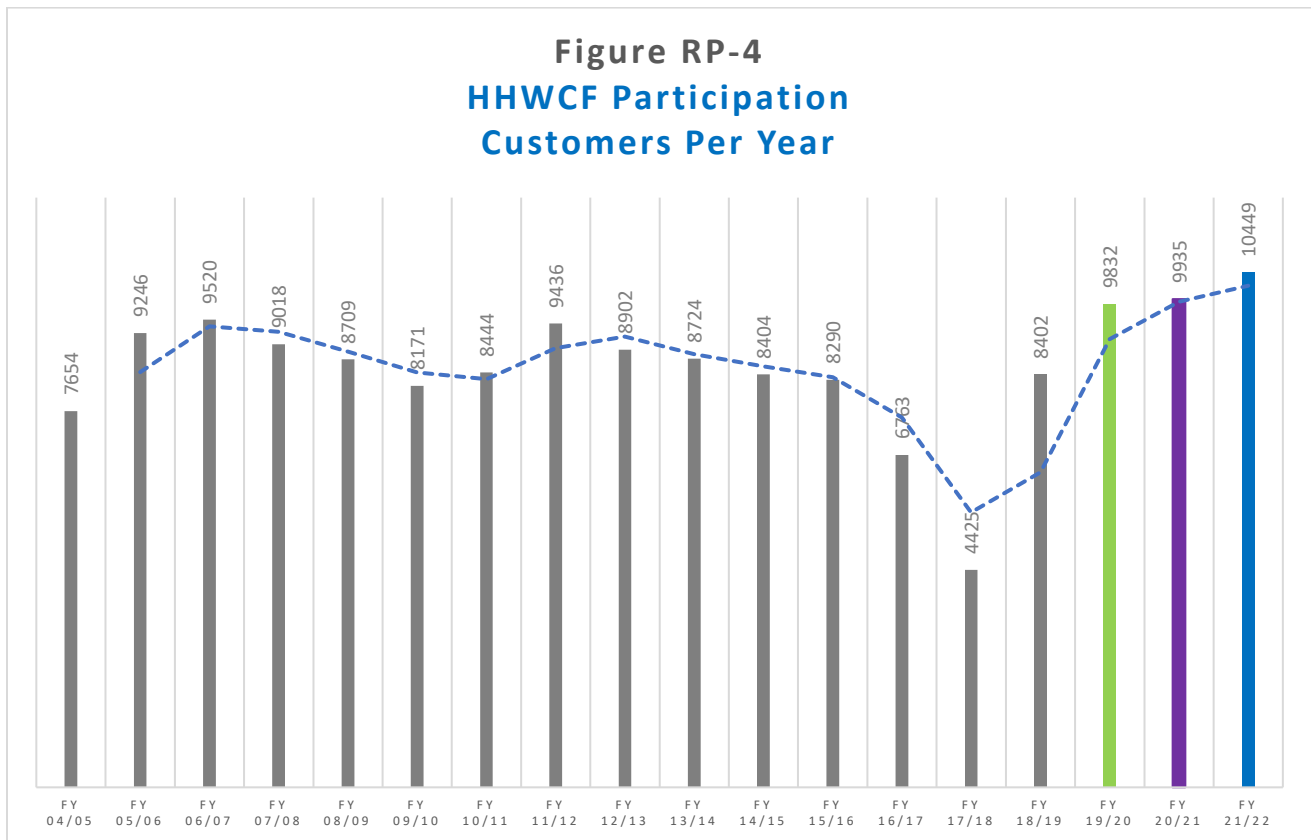
<sup>5</sup> Total number of households excludes City of Watsonville HHW. The City of Watsonville provides their own HHW program to residents within their jurisdiction.

**Table RP-2**  
**Percentage of Households in Service Area and Participation by Community**  
**FY 2021/2022**

Community	Number of Households <sup>6</sup>	% Of Households in Service Area	HHW Facility Participation	% Of Total Served
Capitola	5,496	6.02%	315	3.01%
Santa Cruz	24,250	26.18%	2,006	19.20%
Scotts Valley	4,982	5.18%	456	4.36%
Unincorporated Santa Cruz County	57,468	62.61%	7,672	73.43%
<b>Total</b>	<b>92,196</b>	<b>100.00%</b>	<b>10,449</b>	<b>100.00%</b>

<sup>6</sup> Santa Cruz County estimate based on E-5 Population and Housing Estimates January 2022 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.



## QUANTITIES OF WASTES COLLECTED (WC)

The HHW Facilities had 10,449 tracked customers last year, disposing over 781,879 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. Some of this latex paint is processed for reuse on site at the Buena Vista Landfill.

Recycling is the second priority for the program. Oil, antifreeze, used oil filters, batteries, elemental mercury, fluorescent lights and 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 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 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 pounds of waste during FY 2021-2022. This is about 87,000 pounds decrease compared to last 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 75 pounds of HHW per car was dropped off by 10,449 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 2021-2022 Form 303 report is included in Appendix I.

The average weight of hazardous waste collected per car reduced from the previous year from 87.5 pounds of waste to 74.8 pounds of waste. Trend line shows a decrease of waste with a correlation coefficient of 58.2%. See Figure WC-1.

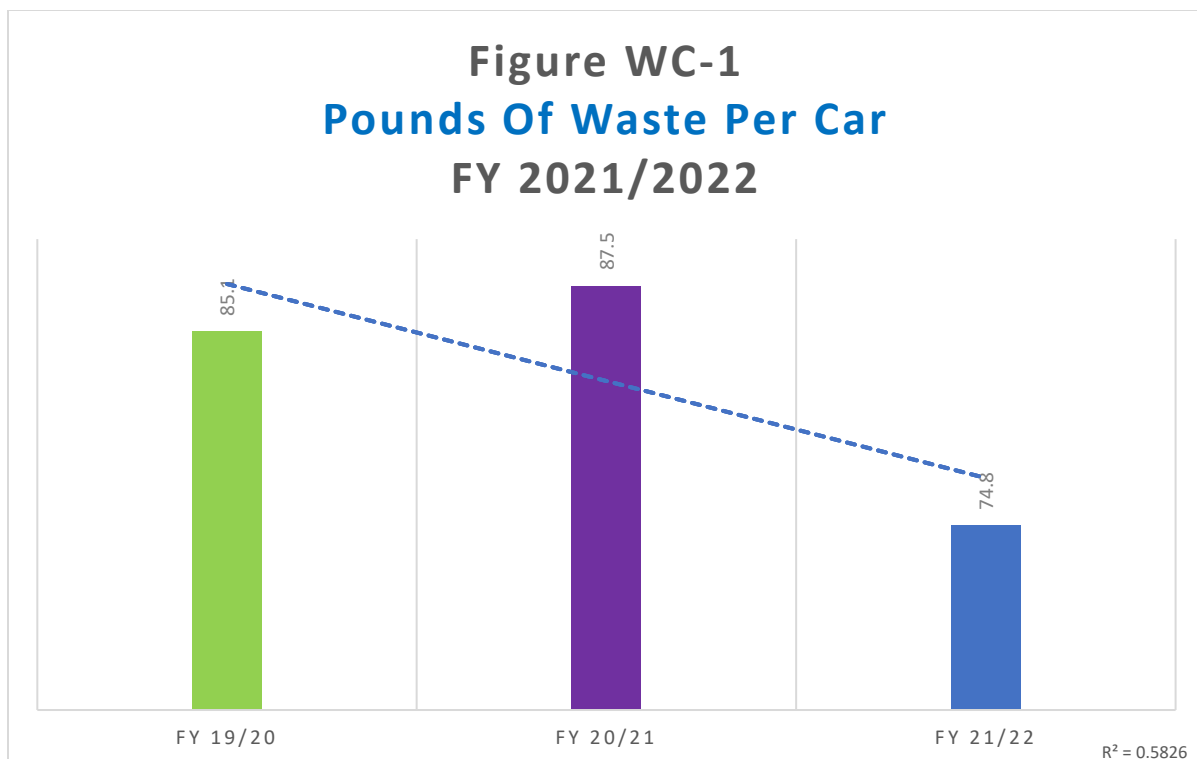


Figure WC-2 presents a breakdown of hazardous wastes processed by type of waste. The transportation classifications on the shipping documents were used as the primary means for segregation into waste type. "0%" indicates <1% of material collected and is automatically rounded down.

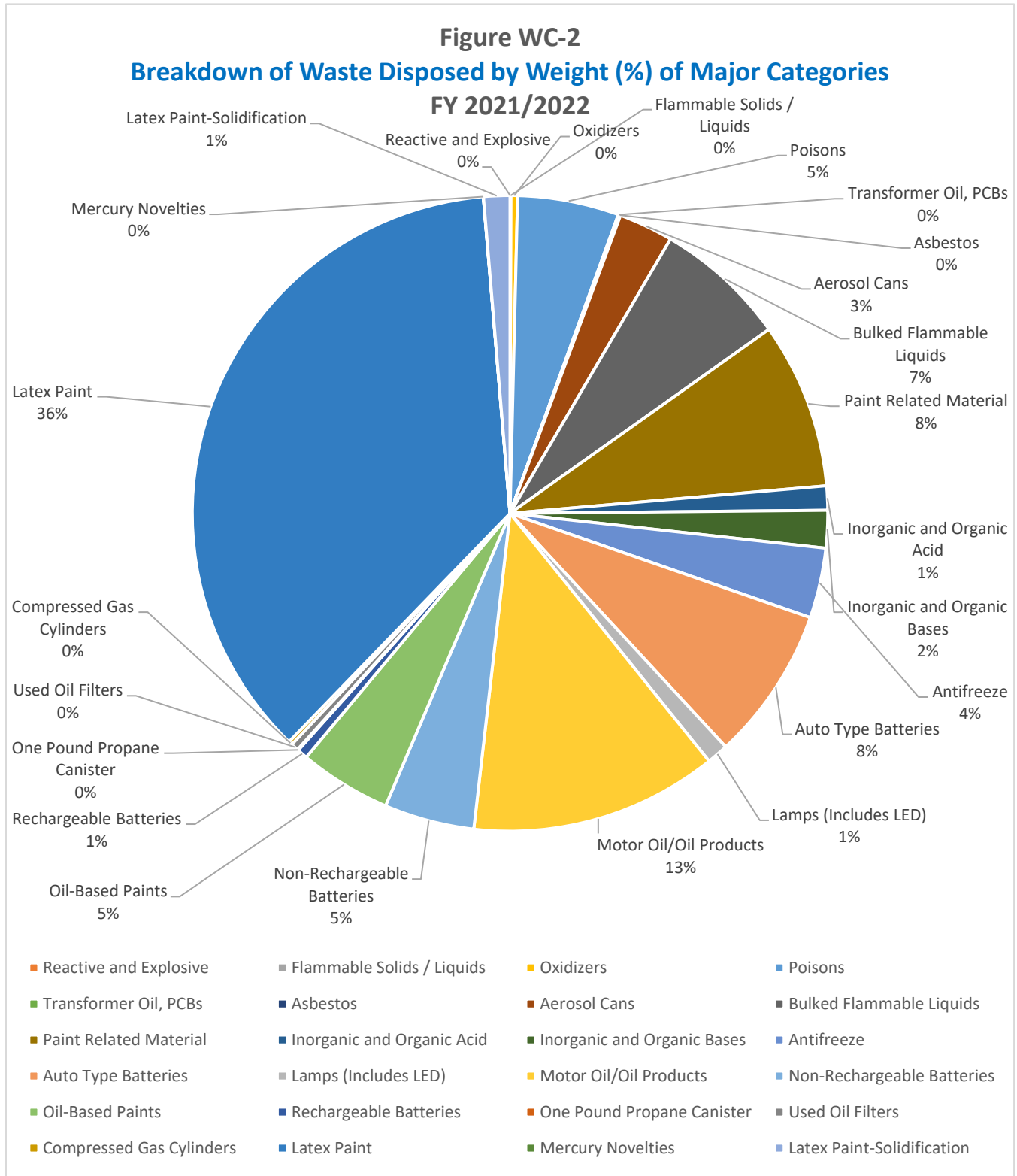
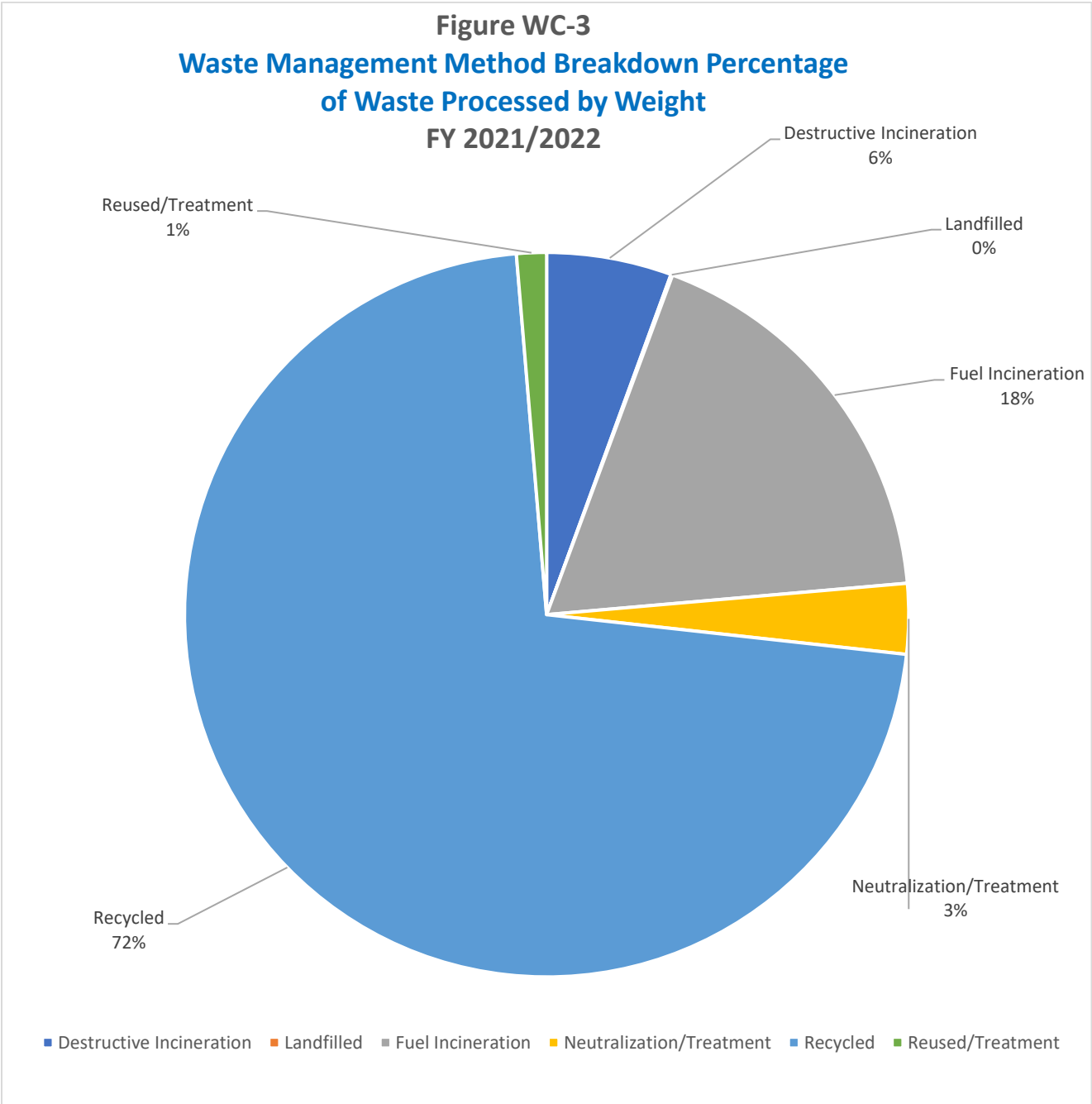


Figure WC-3 presents the distribution of hazardous wastes processed by management method.



**Table WC-1**  
**Quantity of Landfill Diverted Waste and Disposal Method**  
**FY 2021/2022**

The following is a breakdown of the types and quantities of hazardous wastes disposed by all sites compared from last fiscal year. The decrease in waste could be a result of the lifting of the “shelter in place” order issued by COVID-19 State officials and customers no longer needing to bring waste from the initial order.

Management Method	Material Type	FY 20/21 Quantity (Pounds)	FY 21/22 Quantity (Pounds)	Percent Change	Disposal Company
Destructive Incineration	Reactive and Explosive	39	110	182.05%	Clean Earth
Destructive Incineration	Flammable Solids / Liquids	265	260	-1.89%	Clean Earth
Destructive Incineration	Oxidizers	2,433	2,615	7.48%	Clean Earth
Destructive Incineration	Poisons	48,400	40,300	-16.74%	Clean Earth
Destructive Incineration	Transformer Oil, PCBs	800	348	-56.50%	Clean Earth
Landfilled (Not at Buena Vista)	Asbestos	200	580	190.00%	Clean Earth
Fuel Incineration	Aerosol Cans	22,270	21,675	-2.67%	Clean Earth
Fuel Incineration	Bulked Flammable Liquids	69,265	52,715	-23.89%	Clean Earth
Fuel Incineration	Paint Related Material	81,900	66,050	-19.35%	Clean Earth
Neutralization / Treatment	Inorganic and Organic Acid	11,373	9,600	-15.59%	Clean Earth
Neutralization / Treatment	Inorganic and Organic Bases	19,318	14,900	-22.87%	Clean Earth
Recycled	Antifreeze	23,805	27,871	17.08%	Bayside Oil II
Recycled	Auto Type Batteries	61,872	61,090	-1.26%	A&S Recycling/SIMS Recycling
Recycled	Lamps (Includes LED)	15,425	8,585	-44.34%	ReVolt Recycling
Recycled	Motor Oil/Oil Products	109,921	98,480	-10.41%	Bayside Oil II
Recycled	Non-Rechargeable Batteries	20,000	35,860	79.30%	Clean Earth
Recycled	Oil-Based Paints	38,408	36,543	-4.86%	PaintCare
Recycled	Rechargeable Batteries	2,800	4,175	49.11%	Clean Earth
Recycled	One Pound Propane Canister	1,565	400	-74.44%	Clean Earth
Recycled	Used Oil Filters	3,500	3,000	-14.29%	Bayside Oil II
Recycled	Compressed Gas Cylinders	320	1,515	373.44%	Clean Earth
Recycled	Latex Paint	319,901	284,714	-11.00%	PaintCare
Recycled	Mercury Novelties	70	53	-24.29%	Clean Earth
Reused/Treatment	Latex Paint- Solidification	15,995	10,440	-34.73%	Santa Cruz County
<b>Total waste throughput, including reused, recycled, and disposed</b>		<b>869,216</b>	<b>781,879</b>	<b>-10.05%</b>	

# 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 2021/2022, 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 2,333.7 pounds of Unwanted Medicine through Unwanted Medicine Kiosk Drop-Off Sites
- MED-Project collected 2,898 pounds of Sharps through Sharps Kiosk Drop-Off Sites.

### Mail-Back Services

- MED-Project collected a total of 148 packages of Unwanted Medicine program during the Reporting Period.
- MED-Project collected a total of 4 packages of Sharps through the return Sharps mail-back program during the Reporting Period.

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

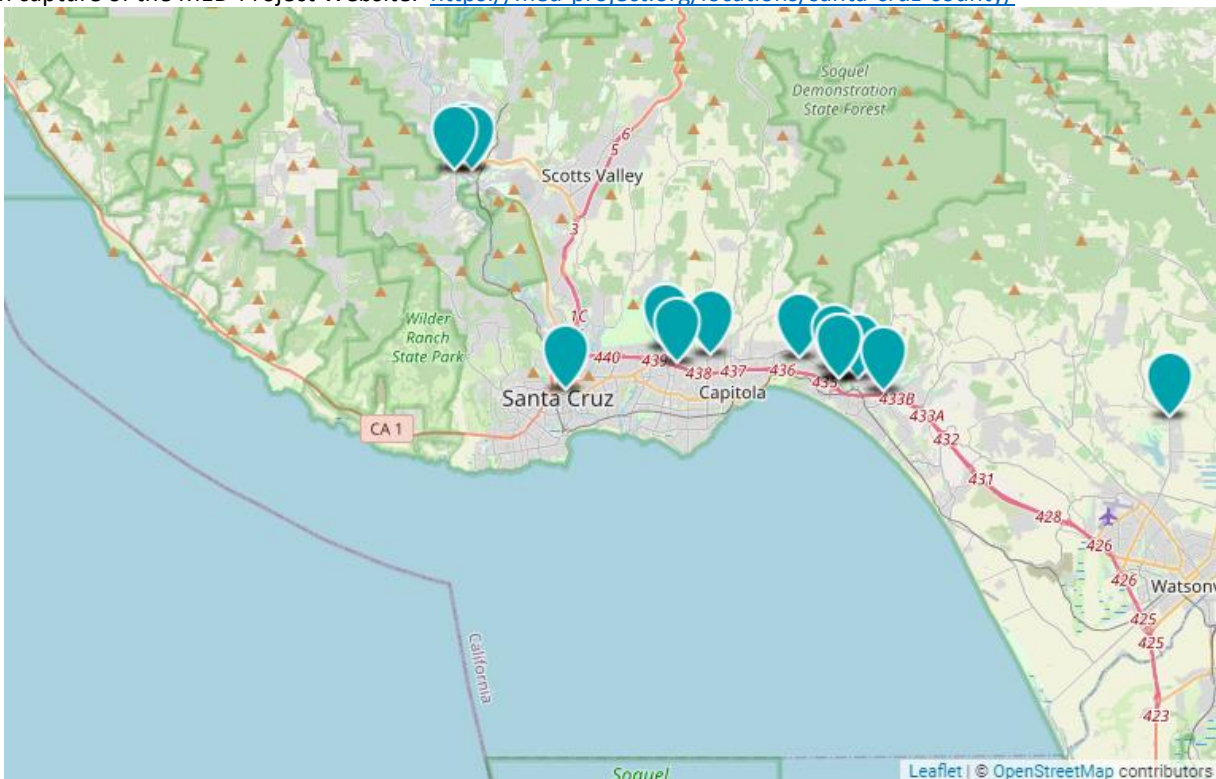
Get Started

## 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 2021/2022**

Site	Address	City	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 2021/2022**

Site	Address	City	FY 20/21 Pounds	FY 21/22 Pounds	Percent Change
Boulder Creek Pharmacy	13081 Central Ave.	Boulder Creek	532	556	4.51%
CVS Pharmacy 03952	783 Rio del Mar Blvd. #3	Aptos	825	813	-1.45%
CVS Pharmacy 09853	6247 Graham Hill Road	Felton	644	774	20.19%
Frank's Pharmacy	7548 Soquel Drive	Aptos	776	741	-4.51%
Mailed In Packages			N/A	14	N/A
<b>Total Pounds Collected*</b>			<b>2,777</b>	<b>2,898</b>	4.36%

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

**Table MP-3**  
**Unwanted Medicine Mail-Back Distribution Locations**  
**FY 2021/2022**

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.

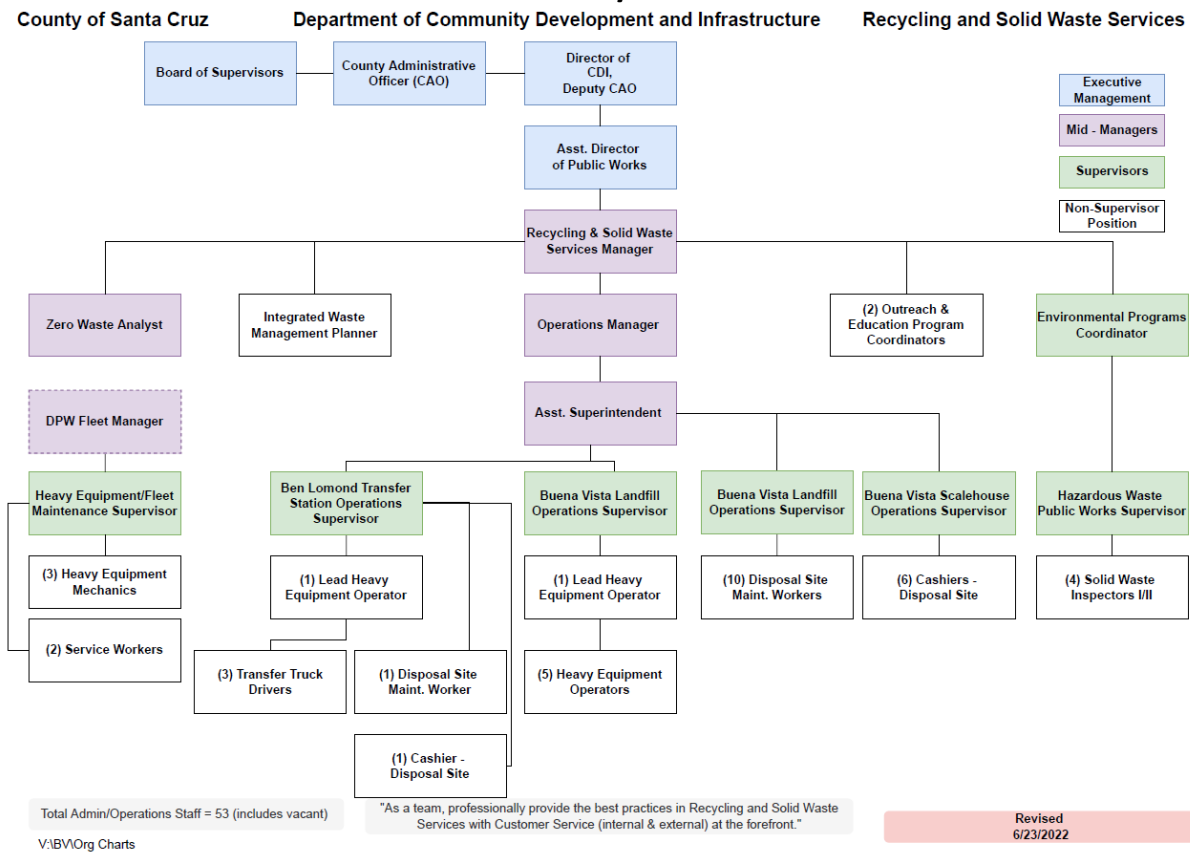
# BUDGET ITEMIZATIONS – FACILITIES OPERATION

## 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 0.5 Environmental Programs Coordinator. All Inspectors are trained in hazardous materials handling and complete 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 2021/2022**



**Table RE-1**  
**Revenue and Expenses**  
**FY 2021/2022**

Table RE-1 presents a full summary of revenue and expenses for the HHW Collection Facility for FY 2021/2022.

<b>Personnel Expenses</b>	<b>Prior FY 2020/2021</b>	<b>Current FY 2021/2022</b>
Administrative (Management/Supervision)	\$ 87,011	\$ 115,384
Public Works Supervisor (1.0 FTE)	\$ 515,464	\$ 533,882
Solid Waste Inspectors (4.5 FTE)		
<b>Labor Total</b>	<b>\$ 602,475</b>	<b>\$ 649,266</b>

**Disposal**

Hazardous and Universal Waste disposal services for fiscal year 2021/2022 were performed under contracts and purchase orders. The following is a summary of those costs by vendor:

Clean Earth (formally Stericycle)	\$ 224,733	\$ 263,610
– Transportation and Disposal Services, Supplemental Labor, Supplies		
Bayside Oil II	\$ 13,798	\$ 7,383
– Transportation and Recycling Services for Waste Oil, Antifreeze, and Oil Filters*		
ReVolt Recycling	\$ 20,161	\$ 15,955
– Transportation and Recycling Services for Fluorescent Lights and LED Lights		
Services for Sharps/Hypodermic Needles**	\$ 0	\$ 0
<b>Disposal Total</b>	<b>\$ 258,692</b>	<b>\$ 286,948</b>

\* Waste Oil and Oil Filters disposal paid through CalRecycle’s Oil Payment Program.

\*\* Collection and disposal funded through Santa Cruz Count MED-Project for home medicines program.

**Public Education**

Costs associated with public education including newspaper and television advertisement, brochure duplication, mailing and HHW Information Exchange Meeting participation.

**Public Education Total**    \$            0    \$            0

**Training Services**

40 Hour OSHA HAZWOPER & Annual 8-hour Re-certification Training (funding for this training covered by Department Overhead).

**Training Services Total**    \$            0    \$            0

**Itemized Materials, Supplies and Miscellaneous Charges**

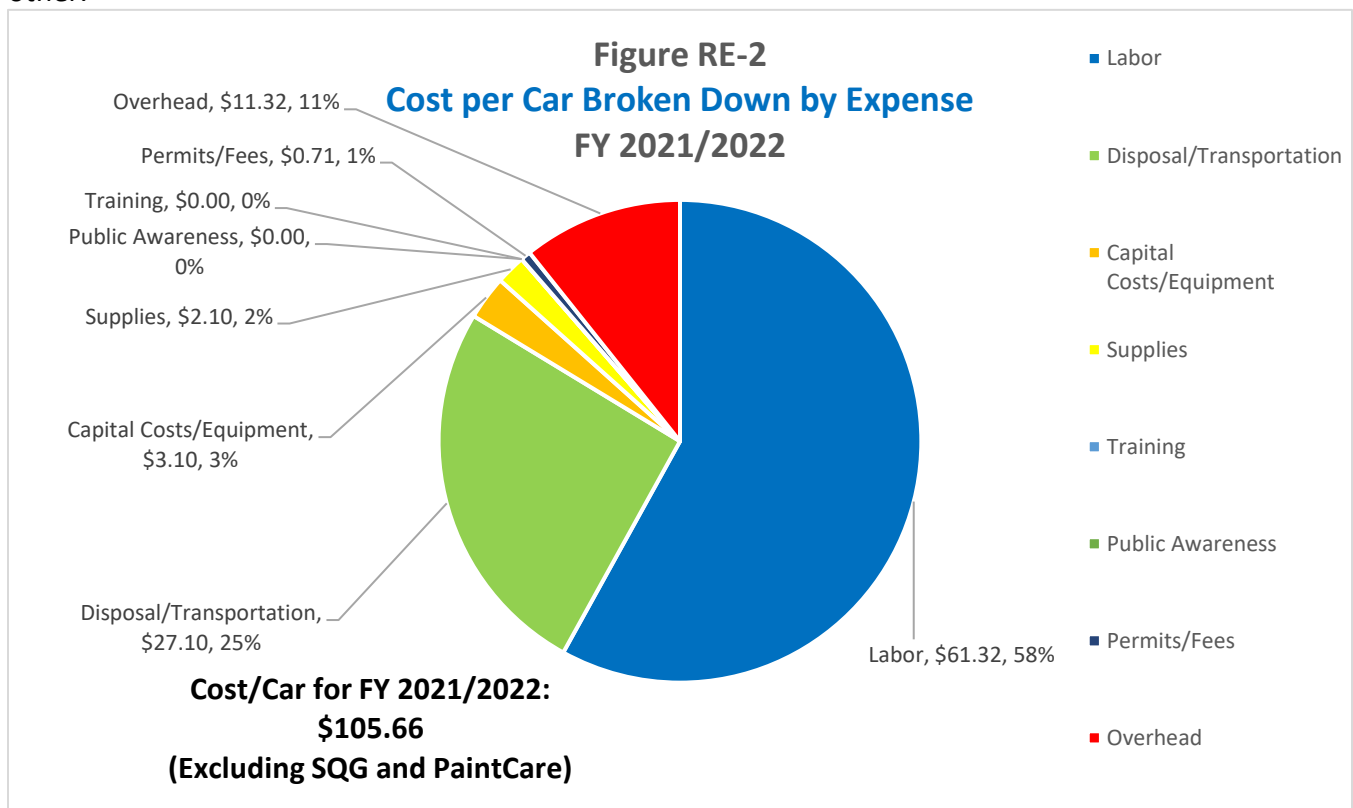
Miscellaneous purchases for supplies, safety gear (PPE), construction materials, labels, uniforms, tools, office supplies, etc.

**Supplies Total**    \$            25,275    \$            22,286

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	Prior FY 2020/2021	Current FY 2021/2022
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>\$ 10,730</b>	<b>\$ 7,533</b>
<b>Capital Improvements</b>	<b>\$ 32,840</b>	<b>\$ 32,840</b>
Buena Vista Household Hazardous Waste Facility (20th of 20 annual payments).		
Department Overhead (12.00% - previously 12.50% for FY 20/21)	<b>\$ 116,252</b>	<b>\$ 119,865</b>
<b>Program Subtotal</b>	<b>\$ 1,046,264</b>	<b>\$ 1,118,738</b>
Revenue from Small Quantity Generators charged according to County Unified Fee Schedule.	<b>\$ (6,627)</b>	<b>\$ (10,328)</b>
Revenue from PaintCare: Paint handling and processing revenues.	<b>\$ (23,500)</b>	<b>\$ (4,410)</b>
<b>TOTAL EXPENDITURES</b>	<b>\$ 1,016,137</b>	<b>\$ 1,103,999</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 “Small Quantity Generators” (SQG) 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.

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

**Figure RE-3**  
**Disposal Charges for Small Quantity Generators**  
**FY 2021/2022**

HOUSEHOLD HAZARDOUS WASTE					
MATERIAL	RATE	UNIT	SPECIAL CONDITIONS		
<b>HOUSEHOLD HAZARDOUS WASTE:</b> Includes paints, stains, solvents, pesticides, herbicides, automotive products, cleaning products, aerosols, and pool care chemicals. Call 454.2606 for information on disposal of hazardous waste from small businesses.	FREE	<b>NO</b> more than 15 gallons or 125 lbs. of hazardous material accepted per visit.	<table border="1"> <tr> <td><b>Buena Vista Household Hazardous Waste Hours</b> Wed, Fri, Sat: 7:30 AM – 3:30 PM</td> <td><b>Ben Lomond Household Hazardous Waste Hours</b> Thurs: 7:30 AM – 3:30 PM</td> </tr> </table> <p><b>HHW Facilities are open FREE OF CHARGE to residents of the unincorporated County of Santa Cruz and the Cities of Scotts Valley, Capitola and Santa Cruz. Please bring proof of residency with you.</b></p> <p><b>Not available to City of Watsonville residents.</b></p> <p>CALL 454.2606 for additional information and tips on safe transportation. SEE HOUSEHOLD HAZARDOUS WASTE POLICY FOR MORE INFORMATION.</p>	<b>Buena Vista Household Hazardous Waste Hours</b> Wed, Fri, Sat: 7:30 AM – 3:30 PM	<b>Ben Lomond Household Hazardous Waste Hours</b> Thurs: 7:30 AM – 3:30 PM
<b>Buena Vista Household Hazardous Waste Hours</b> Wed, Fri, Sat: 7:30 AM – 3:30 PM	<b>Ben Lomond Household Hazardous Waste Hours</b> Thurs: 7:30 AM – 3:30 PM				
<b>HOUSEHOLD GENERATED MEDICAL SHARPS &amp; NEEDLES</b>	FREE at <a href="http://www.Med-Project.org">Med-Project.org</a>		ALL SHARPS & NEEDLES must be contained in a certified red medical sharps container, available at local pharmacies. No loose or bagged needles will be accepted. Please visit <a href="http://www.Med-Project.org">www.Med-Project.org</a> for convenient drop-off locations for household generated waste medications and needles, including many pharmacies around Santa Cruz County.		
<b>COMPACT FLUORESCENT LIGHT (CFL) BULBS AND FLUORESCENT LAMP TUBES</b>	FREE	<b>NO</b> more than 25 accepted per visit.	<p>No appointment necessary, see days of operation above. Please visit <a href="http://www.SantaCruzCountyRecycles.org">www.SantaCruzCountyRecycles.org</a> (Resources Page) for convenient drop-off locations for household CFLs around Santa Cruz County.</p> <p align="center"><b>DISPOSAL PROHIBITED!</b></p>		
SMALL QUANTITY COMMERCIAL HAZARDOUS WASTES COLLECTION PROGRAMS (BUSINESS WASTE)					
<b>POISONS, ACIDS, BASES, OXIDIZERS, WASTE PAINT</b>			<table border="1"> <tr> <td><b>Buena Vista Household Hazardous Waste Hours</b> Wed: 7:30 AM – 3:30 PM</td> </tr> </table> <p><b>Appointments are REQUIRED to participate. Appointments are only made on Wednesdays of each week. Schedule your appointment five days in advance to ensure your timeslot. Visit the County HHW website at:</b></p> <p align="center"><a href="http://dpw.co.santa-cruz.ca.us/Home/RecyclingTrash/HouseholdHazardousWaste(HHW).aspx">dpw.co.santa-cruz.ca.us/Home/RecyclingTrash/HouseholdHazardousWaste(HHW).aspx</a></p>	<b>Buena Vista Household Hazardous Waste Hours</b> Wed: 7:30 AM – 3:30 PM	
<b>Buena Vista Household Hazardous Waste Hours</b> Wed: 7:30 AM – 3:30 PM					
Liquids Solids Aerosol Cans	\$6.00 \$3.00 \$2.00	Per Gallon Per Pound EA	<p>Small Quantity Generator: State and Federal hazardous waste laws limit the use of household hazardous waste collection programs to households and those businesses that generate less than 100 kilograms (about 27 gallons or 220 lbs.) of hazardous waste per month and less than 1 kg of extremely hazardous waste per month (40 cfr 261.5 &amp; CA Health &amp; Safety Code 25218-25218.12). Businesses generating hazardous waste in excess of these regulatory limits may not use these facilities. Large generators should contact County Environmental Health for assistance at 454.2022.</p> <p>No charge for PaintCare products except processing and labor minimum charge of \$25.00 per load.</p> <p align="center"><b>DISPOSAL PROHIBITED!</b></p>		
<b>OIL FILTERS</b>					
Metal Non-Metallic	\$3.00 \$8.00	EA EA			
<b>FLUORESCENT LAMPS:</b> 4 feet long & under, including compact lamps (CFLs) Over 4 feet long Lamp Ballasts	\$1.00 \$2.00 \$3.00	EA EA EA			
<b>HIGH INTENSITY DISCHARGE (HID) BULB</b>	\$6.00	EA			
<b>PROCESSING AND LABOR</b>	\$25.00	Minimum Charge			

**Figure RE-4**  
**Cost Recovery Program for Small Quantity Generators**  
**Material Analysis Report by Date**

Inbound and outbound materials for the period 07/01/2021 - 06/30/2022  
Detailed Report for Sites: 1, 2, 3  
Accounts 0 - 999999 Customer Types - Z Materials 86 - 86 Material Types - ZZ

Date	Material	Type	Customer	Type	Tickets	Count	Est. vol.	Act. Vol.	Est. Wt.	Actual Wt.	Charge
	<b>Total</b>					3	0	0	0.00	0.00	228.00
	<b>Average</b>						0	0	0.00	0.00	76.00
	<b>Report Total</b>				112	0	0	0	0.00	0.00	10,328.25
	<b>Report Average</b>					0	0	0	0.00	0.00	92.22

Figure RE-4 shows the number of SQG appointments during FY 2021-2022 and the cost recovery to the program from fees that the businesses paid to dispose of their hazardous waste.

## FUTURE OF PROGRAM

The budget for the FY 2022-2023 program was approved at \$1,316,531. 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. The County will undergo a request for proposals (RFP) process for a hazardous waste transportation and disposal services provider in early 2023 to select a contractor for this service beginning FY 2023-2024.

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: [www.santacruzcountyrecycles.org](http://www.santacruzcountyrecycles.org).

The total cost for the new Buena Vista HHW collection and storage facility calculated at \$656,775 is amortized and apportioned to all participating jurisdictions over the facility's anticipated life of 20 years at \$32,840 per year. The facility was paid off FY 2021-2022. A new replacement office trailer with breakroom and restrooms for HHW staff was installed at the Buena Vista HHW facility spring of 2022. The cost for the office trailer was \$103,842 and will be amortized over 5 years starting in the FY 2022-2023 HHW budget.

Inclusion of small quantity generators (SQG: 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 112 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 2021/2022 fiscal year, \$10,328 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 and oil-based paints and stains totaled, \$4,410. Both SQG and PaintCare revenue are added to the budget to help offset annual HHW Program costs.

Having completed its 31st 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 92,196 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 2021/2022**



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 2021-2022

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: 10,449 Method: Number of Vehicles
Participating Households includes non-residential (CESQG,schools,nonprofits,etc.): No
Service Area Households: 92,196

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	260							
	Bulked flammable liquids	52,715							
	Oil-based paints	36,543							
	Paint Related Material (PRM)	66,050							
	Poisons	40,300							
	Reactive and explosive	110							
	Compressed gas cylinders	1,515							
	1 lb propane canister	400							
	<b>Flammable and Poison subtotal</b>	<b>197,893</b>							
<b>PCB-containing</b>	PCB-containing paint								
	Other PCB waste (includes ballasts)	348							
	<b>PCB-containing subtotal</b>	<b>348</b>							
<b>Reclaimable</b>	Antifreeze	27,871							
	Auto type batteries (motor vehicles)	61,090							
	Latex paint	284,714							
	Motor oil/oil products								
	Used oil filters (recyclables only)								
	<b>Reclaimable subtotal</b>	<b>373,675</b>							
<b>Acid</b>	Inorganic and organic acid	9,600							
<b>Base</b>	Inorganic and organic base	14,900							
<b>Oxidizer</b>	Neutral oxidizers, Organic peroxides, Oxidizing acid/base	2,615							
<b>Asbestos</b>	Asbestos	580							
<b>Universal Waste (UW)*</b>	Mercury containing automatic switches / thermometers / and novelties	53							
	Mercury containing thermostats								
	Mercury containing waste (other)								
	Lamps	8,585							
	Photovoltaic Modules								
	Other batteries	35,860							
	Aerosol cans	21,675							
Rechargeable batteries	4,175								



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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								160,144
	Other Electronic Devices								
	<b>Electronic Devices (UW) subtotal</b>								<b>160,144</b>
	<b>Universal Waste (UW)* + Electronic Devices (UW) subtotal</b>	<b>70,348</b>							<b>160,144</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>669,959</b>							<b>160,144</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	260							
	Bulked flammable liquids		52,715						
	Oil-based paints								36,543
	Paint Related Material (PRM)		66,050						
	Poisons	40,300							
	Reactive and explosive	110							
	Compressed gas cylinders						1,515		
	1 lb propane canister						400		
	<b>Flammable and Poison subtotal</b>	<b>40,670</b>	<b>118,765</b>			<b>1,915</b>			<b>36,543</b>
<b>PCB-containing</b>	PCB-containing paint								
	Other PCB waste (includes ballasts)	348							
	<b>PCB-containing subtotal</b>	<b>348</b>							
<b>Reclaimable</b>	Antifreeze					27,871			
	Auto type batteries (motor vehicles)					61,090			
	Latex paint								284,714
	Motor oil/oil products								
	Used oil filters (recyclables only)								
	<b>Reclaimable subtotal</b>					<b>88,961</b>			<b>284,714</b>
<b>Acid</b>	Inorganic and organic acid				9,600				
<b>Base</b>	Inorganic and organic base				14,900				
<b>Oxidizer</b>	Neutral oxidizers, Organic peroxides, Oxidizing acid/base	115						2,500	
<b>Asbestos</b>	Asbestos			580					
<b>Universal Waste (UW)*</b>	Mercury containing automatic switches / thermometers / and novelties					53			
	Mercury containing thermostats								
	Mercury containing waste (other)								
	Lamps					8,585			
	Photovoltaic Modules								
	Other batteries					35,860			
	Aerosol cans		21,675						
	Rechargeable batteries					4,175			



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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					160,144			
	Other Electronic Devices								
	<b>Electronic Devices (UW) subtotal</b>					<b>160,144</b>			
<b>Universal Waste (UW)* + Electronic Devices (UW) subtotal</b>			<b>21,675</b>			<b>208,817</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>41,133</b>	<b>140,440</b>	<b>580</b>	<b>24,500</b>	<b>299,693</b>		<b>2,500</b>	<b>321,257</b>