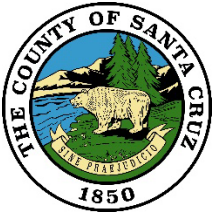


June 1, 2023 Meeting Minutes



SANTA CRUZ COUNTY
INTEGRATED WASTE MANAGEMENT LOCAL TASK FORCE

June 1, 2023, 3:00 – 5:00 pm

Watsonville Council Chambers

275 Main Street, Top Floor

Watsonville CA 95076

Above the Watsonville Main Library

By Car: Enter Parking Structure on Rodriguez Street and Drive to Top Floor

Virtual Meeting Information

Zoom Link: <https://us02web.zoom.us/j/85026837143>

Zoom Meeting ID: 850 2683 7143

One tap mobile: +16699006833,,85026837143# US (San Jose)

+16694449171,,85026837143# US

Please note: The public may participate in the Task Force meeting remotely. However, members/alternates who attend remotely cannot vote or count toward a quorum unless their absence is arranged in advance with “just cause.”

Voting Members Present: Justin Cummings (County, chair), Jacob Guth (County alt), Bob Nelson (SC), Leslie O’Malley (SC alt), Allan Timms (SV), Will Smith (Wat), Danielle Green (Wat alt).

Alternates Present: Tami Stolzenhaler (Wat alt).

Absent: Felipe Hernandez (County, vice-chair) Jessica Kahn (Cap), Alexander Pedersen (Cap alt), Scott Newsome (SC), Rene Golder (SC alt), Chris Lamm (SV alt.) Eduardo Montesino (Wat).

Task Force Staff: Kasey Kolassa (County-via Zoom), Beau Hawksford (County), Darcy Pruitt (County)

Agency Staff: Christina Horvat (County), Mary Ann LoBalbo (County), Ray Martin (Watsonville).

Guests: Sally-Christine Rodgers (Trash Talkers – via Zoom), Lowell Hurst (Watsonville resident and former Task Force member).

1) Welcome:

- Quorum present, Chair Cummings started Task Force meeting at 3:03 PM.

2) Swearing In Ceremony:

- Juliette Burke, Santa Cruz County Clerk, appeared via Zoom to administer oath of office to all members and alternates present.
- The County Clerk’s Office will send paperwork to those sworn via DocuSign to complete official oath of office certification forms (**Attachment A**).
- The Clerk’s Office will also follow up with absent members and alternates to complete their swearing in ceremony and forms in the most expeditious manner.

3) Oral communications from the public:

- Lowell Hurst, resident of Watsonville and former Task Force commissioner, addressed the current commissioners on the importance of the commission’s work. He focused on the need to understand the costs associated with waste disposal, the reasons for the high costs, and to raise public awareness on green alternatives that will reduce waste disposed to landfills.
- Sally-Christine Rodger, resident of 4th district and member of Watsonville Trash Talkers

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Coalition. Ms. Rodgers provided the commission with an update on Trash Talkers' progress to make Santa Cruz County the cleanest county in the state. Outreach is continuing and includes press releases to get the pitch in message out as the summer beachgoing season begins. Signs ordered for placement at trash sensitive sites throughout the County. Trash Talker website is online with local volunteer opportunities and resources listed. Trash Talkers continues to engage with County staff, community leaders, schools, and the public at large.

4) Oral communications from Task Force members/alternates:

- Chair Cummings provided information to other commissioners on the County's efforts to ban filtered cigarettes in the County. Chair Cummings stated that discarded cigarette filters are the largest single source of ocean pollution. The County is drafting an ordinance to ban the sale of filtered cigarettes within the unincorporated County aimed at eliminating the source of cigarette pollution reaching the Monterey Bay National Marine Sanctuary.

5) Meeting Minutes - March 2, 2023:

- Timms moved approval of the March 2023 Task Force minutes. Smith seconded.
- Roll call voice vote resulted in unanimous approval of the minutes.

6) Waste Management Facility Tour Update & Attendance Confirmation

- Staff collected information from members/alternates present regarding their attendance at the June 6th & 7th Special Meeting tours of countywide waste facilities. Staff used this information to plan final tour arrangements with host organizations.
- Staff fielded questions about the tour itineraries and provided information on how tour survey responses guided tour planning efforts.
- Smith requested details on whether commissioners would have an opportunity to visit the out of county waste facilities at ReGen Monterey and the GreenWaste Recovery Charles Street Materials Recovery Facility (MRF). Staff responded that information was gathered to arrange the out-of-country tours and it is possible to arrange a special tour to these additional waste facilities. However, survey responses showed little interest to visit these facilities.

7) Summary of Laws that Guide Task Force Work

- Chair Cummings requested staff provide a brief presentation on the agenda packet materials.
- Staff provided an overview of state laws governing the Task Force's role and responsibilities for Integrated Waste Management within the County. The agenda packet materials provide a direct link to relevant state laws found on the California Legislature's website. Staff also assembled an Integrated Waste Management table of contents as an overview to the laws within the subject matter governing Task Force responsibilities. Staff explained the table of contents and offered to provide training assistance to individual members in the practical use of the California Legislature's website to review these laws and other tools available on the website on an as needed basis.

8) 5-Year Plan Update – Staff & Task Force Responsibilities & Overview

- Chair Cummings asked staff for an overview of the 5-Year Plan update tasks and schedule.
- Staff summarized the roles and responsibilities outlined in the agenda packet materials and discussed the elements where the Task Force weighs in on staff developed recommendations.
 - Staff prepares a review report outline based on CalRecycle's template and relevant

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changes in Solid Waste laws where jurisdictional collaboration is either required or would be beneficial. (e.g., SB1383 Edible Food Recovery & Procurement.)

- Staff presents its review report outline and its analysis of updates required to the existing plan along with a schedule for making the necessary update to the commission and receives feedback from the commissioners.
- Staff incorporates commissioner feedback into the review report within 45 days, presents the final review report and schedule to County Board of Supervisors, and submits the County approved review report and schedule to CalRecycle during March 2024.
- Commissioner Timms commented on the amount of work required and asked staff if this timeline is feasible.
- Staff responded that it will be a challenge for staff to complete all of the work given that staff has not yet located all of the required elements of the existing plan. However, because the review report does not require the preparation of all the plan revisions, only a schedule for the plan update, staff believes it can complete the work and give commissioners adequate review time during and after its December 2023 meeting.
- Staff also discussed the need to rearrange the commission's 2024 meeting schedule to complete the tasks within the legally mandated 45-days after receiving Task Force comments and before CalRecycle's March 2024 submission date.
 - Because the plan review report must be submitted in March 2024, the commission will need to meet in February 2024 instead of March 2024 to allow staff the necessary 45-day timeframe to meet the legally required plan approval steps before the March 2024 submission deadline.
- Staff committed to providing a Plan update at the next Task Force meeting and to submit the final Draft review report and schedule at the December 2023 Task Force meeting. This schedule should give Task Force members adequate time to review staff prepared materials and ask clarifying questions of Task Force Staff and knowledgeable agency staff at their home jurisdictions prior to final comments on the Plan review report & schedule in February 2024.
- Chair Cummings thanked staff for the summary and said the Task Force would address the 2024 schedule change at a future meeting.

9) Virtual Waste Management Facility Tours (see Attachment B)

- Chair Cummings introduced the item and turned the presentation over to staff to guide commissioners through the virtual tour PowerPoint slides.
- Individual staff members from each jurisdiction provided live commentary to illustrate daily activities at the different waste handling facilities used by various jurisdictions within the County as a whole.
 - Leslie O'Malley, City of Santa Cruz Waste Reduction Manager introduced the City's Dimeo Lane Resource Recovery Facility and explained the way the City MRF operates and the differences between the City's food waste collection and disposal practices and the rest of the county jurisdictions. The City's food waste is collected separately from other green waste in a six-gallon food waste collection container and is processed into a mash that can be used for animal feed or converted to biofuel. Other green waste is composted locally by Rodoni Farms. The City landfill has 36-years of remaining capacity at current disposal rates. The site also has a household hazardous waste acceptance location operated by Santa Cruz County staff every Saturday during landfill operating hours.

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- Mary Ann LoBalbo, Santa Cruz County Zero Waste Program Coordinator, introduced the County's Ben Lomond Transfer Station. The transfer station opened in the early 1990s to replace the County's former landfill when it reached capacity in 1992. The facility accepts recycling and CRV at a recycling center run by Grey Bears; organic materials and food waste at a green waste transfer facility run by Keith Day Company. Refuse and large diverted recyclable materials (mattresses, carpet, tires, appliances, etc.) are accepted and sorted on the main tipping floor. The facility also has a household hazardous waste collection site operated by the County staff. All materials are sorted on site then transferred off site for recycling, composting, or disposal.
- Darcelle Pruitt, Santa Cruz County Resource Planner, described the Grey Bears Chanticleer recycling, e-waste, and food recovery operations with the assistance of Ms. O'Malley, who serves on Grey Bears Board of Directors. Grey Bears began recycling to support its main mission to provide food and create community for seniors throughout the County. However, during the pandemic, Grey Bears expanded its operation to help provide food security to people of all ages at risk of going hungry. Grey Bears Chanticleer campus collects recyclable materials for sale to support its food programs; runs an e-waste collection center to both refurbish electrical equipment for sale in its thrift store and for reimbursement under the state's Covered Electronic Waste diversion program; densifies Styrofoam for later recycling to keep it out of local landfills; and operates one of the largest food recovery programs in the County. Grey Bears' food recovery program diverts edible food for human consumption and delivers groceries to seniors; runs a free farmers market where program participants can select their own healthy groceries; and serves a hot lunch five days a week to program participants and volunteers.
- Christina Horvat, Santa Cruz County Zero Waste Outreach Coordinator, provided an overview of the County's Buena Vista Landfill & Recycling Center. The Buena Vista site includes a recycling center run by Grey Bears; an organic materials and food waste preprocessing facility run by Keith Day Company; and a landfill gas recovery cogeneration plant run by Ameresco that produces electricity from landfill gas collected from the Buena Vista Landfill and the neighboring Watsonville City Landfill. Buena Vista also receives refuse and large diverted recyclable materials (mattresses, carpet, tires, appliances, etc.) that are accepted and sorted at the tipping area and either buried at the landfill or shipped off site for further processing to recover and recycle valuable commodities (metal, fibers, rubber, glass, etc.) that are reused. The facility operates a household hazardous waste collection center run three days per week by County staff. The Buena Vista Landfill is reaching capacity and will be redeveloped as a transfer station, similar to Ben Lomond with recycling and diversion facilities necessary to continue to manage the County's waste in compliance with existing and future waste management regulations.
- Tami Stolzenhaller, Watsonville Senior Environmental Project Analyst introduced the commissioners to waste collections and disposal facilities in the Watsonville area including the Watsonville City Landfill and Watsonville Drop-off Center. Ms. Stolzenhaller provided information on the staffing and materials management at each of the Watsonville sites and discussed the importance of education and training to improve local community compliance with changing state law requirements. Watsonville is currently transferring materials to ReGen Monterey but intends to develop a new cell at the Watsonville City Landfill for additional on-site disposal. The city also runs a drop-off center where city residents bring their presorted waste materials for recycling, diversion, and disposal. Mr.

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Ray Martin, Integrated Waste Supervisor provided details about the city's timeline for further development of the City Landfill.

- Ms. Pruitt introduced the GreenWaste Recovery Material Recovery Facility (MRF) at Charles Street in San Jose. The unincorporated county, Capitola, and Scotts Valley send mixed recyclable to the Charles Street MRF for sorting and sale. A brief video tour of the MRF in action was shown during the meeting: <https://youtu.be/zmMAIYMfw9k>
- Ms. Pruitt also provided a summary of the many facilities located at the ReGen Monterey facility in Marina California. The unincorporated county, Capitola, Scotts Valley, and Watsonville send refuse to the Monterey Peninsula Landfill, the landfill accepts 200,000 tons of refuse per years and has 100 years of capacity remaining at its current disposal rate. The unincorporated county, Capitola, Scotts Valley and Watsonville also send their mixed food and yard waste to the ReGen Facility for composting in windrows. A video tour of the Marina Compost Facility run by Keith Day Company was shown during the meeting: <https://youtu.be/te3JxqFn9TE>.
- Chair Cummings opened the floor for questions from the public and then the Task Force.
- Smith asked which jurisdictions send recyclable to San Jose's GreenWaste Recovery facility? Staff responded that the unincorporated county, Capitola, and Scotts Valley, all jurisdictions that contract waste collection service from GreenWaste Recovery, send their recyclables to San Jose for processing, recovery, and sale.
- Chair Cummings asked where people can take their CRV bottles and cans? Staff responded that there are currently three locations for CRV in Santa Cruz County including Grey Bears run CRV at Ben Lomond Transfer Station; A&S Metals and Watsonville Metals, both located in Watsonville. CalRecycle acknowledges that CRV is a broken program and has a pilot program to test new CRV collection strategies.
- Guth said that it was important to have CRV collection programs to increase recycling and reduce litter. Staff provided some additional information regarding the issue of CRV poaching that can increase litter and the costs of waste collection. Poaching is when recycling bins are dumped to recover CRV items. Litter and cleanup costs result if the remaining recycling is not returned to the bin after CRV items are taken.

10) Legislative Update

- Staff provided a written updated summary showing bill revisions since the Task Force's March 2023 meeting (updates printed in blue) as part of the June Agenda packet.
- Chair Cummings opened the floor to questions about the bills.
- Smith asked for clarification on SB 806, a bill to require manufacturers of certain sized drop boxes intended for placement in public streets to include reflective markings. Smith wanted to know if the bill would require retrofitting existing drop boxes of the same dimensions. Staff responded that the bill as currently drafted does not include a retrofit provision, but that could change as the bill advances through the legislative process.
- Smith asked for clarification of the legislative intent related to the two solar panel bills (AB 2 & AB 1238). Staff provided summary background on the general intent of the solar panel recycling legislation to both improve manufacturing processes to make recycling easier and to divert more solar panel components from landfill disposal. The two bills are necessary because two state agencies regulate solar

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panels as universal waste: Cal Recycle (the waste & recycling aspects) and the Department of Toxic Substances Control (DTSC – the hazardous materials aspects.)

- Smith asked for information on SB 777 changes to the existing reusable bag laws. Modifications to the law require retailers to spend bag charge money on recycling reusable bags, along with the current law's requirement to encourage the use of reusable bags. It also requires CalRecycle to audit retailer's bag take back collection and recycling programs. There was a robust discussion about whether this state law would impact local bag ordinance charges that are greater than 10 cents/bag, however, the legislation is written with 10 cents as the floor and adds requirements for the ways in which those funds must be spent by the retailer.
- Staff also provided an update on AB1705, the bill that would have restricted certain EMSW conversion facilities within defined health protection zones. The bill was revised to remove all references to health protection zones and instead prohibits development or expansion of EMSW conversion facilities until the state reaches its 75% waste diversion goals. "EMSW conversion facility" is a facility where municipal solid waste is "transformed" through incineration, pyrolysis, distillation, or biological conversion.
- Guth asked for contacts to other commissioners to confer on legislative and other items between Task Force meetings. Staff provided a brief overview of the Ralph M. Brown Act that requires the public decision-making process, including most communications on matters that could come before the commission, to take place in meetings that are open to the public. Staff explained that the Brown Act rules cover a variety of communications between commissioners, including email. Staff agreed to provide a link to the California Cities guide to the Brown Act as an overview of the rules that cover the Task Force members: [open-public-v-revised-2016.pdf](#) (calcities.org). Chair Cummings recommended that Commissioners communicate items directly to Task Force staff for information/distribution to others as needed.

11) Call for September 7th Agenda Items

- Provide further California legislative updates on solid waste management of other bills relevant to the Task Force making their way through the State Senate and Assembly. Include information on how the Task Force and its members can influence the legislative process as bills move forward.
- Approaches to address/collaborate on climate change hazards and resulting debris.
- Present a summer beach waste collection report to the commission.
- Invite representatives from Santa Cruz Mountains Stewardship Network's Biomass team to discuss the challenges and opportunities facing land managers in disposing of wood debris from the CZU Fire and from land management activities necessary to make the forests more resilient to climate change.
- Provide 5-Year Plan update to commission. Update should include: final draft of proposed review report template, progress report on tasks necessary to complete items on the report template, and a rough draft of the plan update schedule.
- Items recommended for the September Agenda after the meeting:
 - Styrofoam recycling informational item

12) Adjourn: Chair Cummings thanked staff and adjourned the meeting at 4:42pm

June 1, 2023 Meeting Minutes:
Attachment A – County Oath of Office Form

Appointment and Oath of Office for
Boards, Commissions and Special Districts

STATE OF CALIFORNIA
County of Santa Cruz

I, Carlos J. Palacios, County Administrative Officer of the County of Santa Cruz and exofficio Clerk of the Board of Supervisors of said County, do hereby certify that at a meeting of said Board, held on the ____ day of _____, _____, _____ was appointed a member of the _____ for a term to expire on _____.

In Witness Whereof, I have hereunto affixed my hand and the official seal of said Board of said County, this ____ day of _____, _____.

Carlos J. Palacios, Clerk of the Board of Supervisors

By _____
Juliette Burke, Chief Deputy Clerk of the Board

STATE OF CALIFORNIA
County of Santa Cruz

I, _____, do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

(Signature of Appointee)

Subscribed and sworn before me on this ____ day of _____, _____.

(Signature of person administering the oath)

(Title)

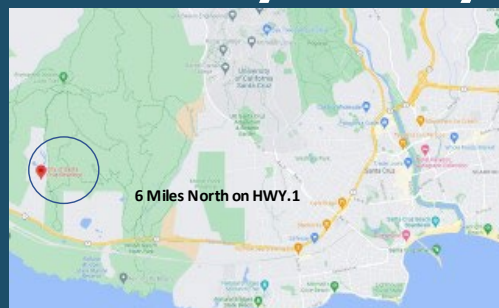


Countywide Integrated Waste Management Plan

Integrated Waste Management Task Force

Virtual Facility Tour

City of Santa Cruz Resource Recovery Facility



Facilities Located on Site

Landfill- Remaining Capacity, approximately 36 years

Landfill Gas to Energy

Single Stream MRF

Drop Off Collection -Mattresses, carpet, E waste, batteries, appliances, scrap metal, tires

County Run HHW Collection Center

Food Scrap pre-processor

Yard waste, clean wood



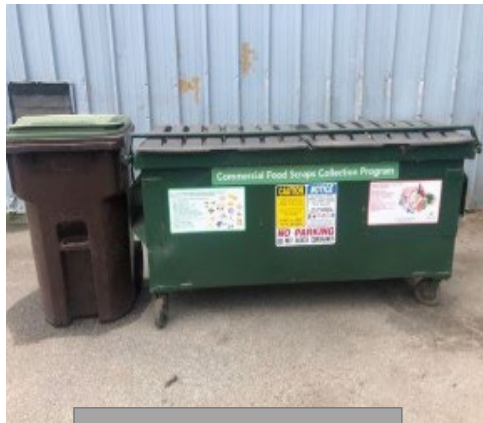
Single Stream Sortation



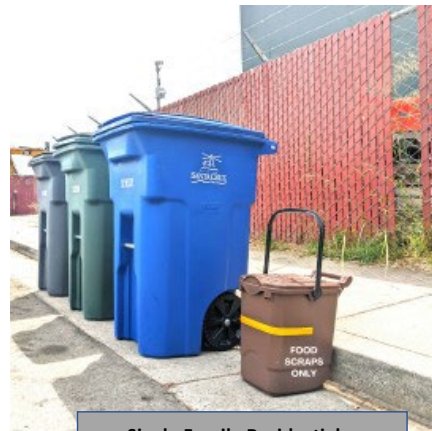
Single & Multi Family Residential
Commerical Collection within
City of Santa Cruz Boundary



Food Scrap Collection



Commercial & Multi Family



Single Family Residential

Food Scraps collected separately from other organics

Food Scrap Pre-Processor



Approximately 3540 tons of food scraps are collected and processed weekly. The end product is a brown Mash the consistency of applesauce.



The Mash is taken every 10 days to Sustainable Organics Solutions in Santa Clara for further processing. Eventually, the Mash will go to the City's Wastewater Treatment Facility to be used for energy generation.



About the Ben Lomond Transfer Station

Ben Lomond Transfer Station was developed as Landfill reached capacity & closed in 1992. The closed landfill is monitored to meet state and federal regulations.

Facilities Located On Site

- Solid Waste Processing & Transfer,
- Recycling & CRV (Grey Bears),
- Organics Diversion & Preprocessing (Keith Day Company),
- Other Diverted Items, and
- Household Hazardous Waste (HHW – Thursdays only)
- Landfill gas collection & flare.



Ben Lomond Transfer Station Diversion Guide
To Save Time – Sort Your Load First!

| | | | |
|---|--|---|---|
| Unpainted Wood/Lumber (No painted wood) | Yard Waste & Tree Limbings Fill burlap, straw, or paper bags | Drywall & Gypsum Board | Washes, Dish Wash, Blenders, Mix Blenders, etc. (No Dishwashers) |
| Clean Concrete (No Dry Mix, No Bags) | Clean Carpet & Carpet Foam Pad (No more than 100 lbs) | Tires (with or without rims) | Appliances & Water Heaters |
| Propane Cylinders (No more than 1 gal. in size) | Aluminum Windows | FREE Diversion Pulch Mattresses, Mattresses, Box Springs, TVs or Monitors (Limit of Free 10) (See you day) | |

Not sure what we accept? Call 831.454.5153 or visit SantaCruzCountyRecycles.org

Ben Lomond Transfer Station Recycling Guide
Go to Grey Bears Recycling Center First – Free Drop Off

| | | | |
|---|---------------------------------------|--|----------------------|
| Clean Corrugated Cardboard | Clean Glass Bottles & Jars | Clean Aluminum & Metal Cans | Scrap Metal |
| Clean Plastic Bottles, Jugs & Jars | Office Paper | Sealed Batteries | Car Batteries |
| Electronic Waste (Cable Pins Not Allowed) | | | |

Not sure what we accept? Call 831.454.5153 or visit www.santacruzrecycles.org

Ben Lomond Transfer Station

Located in the beautiful Santa Cruz Mountains



Ben Lomond Scale House

Back of Scale house



Drive onto the scale, declare the materials in your load, pay according to the fee schedule, and follow the painted colored line to your disposal location as instructed by the cashier.



Recycling Center Run by Grey Bears

Customers may drop off glass, scrap metal, cans cardboard, plastic bottles, paper, batteries & e-waste.



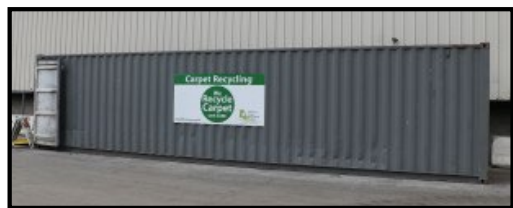


Grey Bears - California Redemption Value (CRV)

- Hours 10am to 3:30pm Monday - Saturday
- Wednesday open 10am - 2:30pm.
- Remember to presort your recyclables.



Diversion Area



Many diverted items are separated for special handling during recycling





Tipping Area



Upper tipping floor for small household loads



Lower tipping floor for large & commercial loads



Household Hazardous Waste (HHW)



Ben Lomond
HHW only on
Thursdays
from
7:30 to 3:30
Drive through



Free to
households, but
small quantity
business
generators pay
to dispose of
hazardous waste



Boxes stored in back ready for pick-up



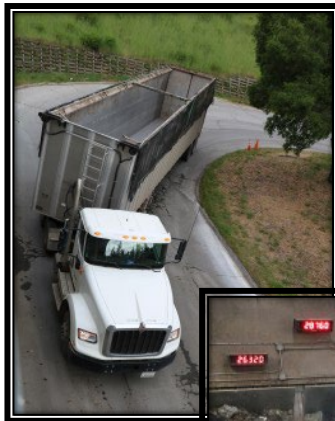
Ben Lomond Organics

- Site for organic waste collection.
- Organics include food scraps, yard waste, and clean wood waste.
- Organics are loaded into transfer trucks and taken to Keith Day Company at ReGen Monterey for processing.

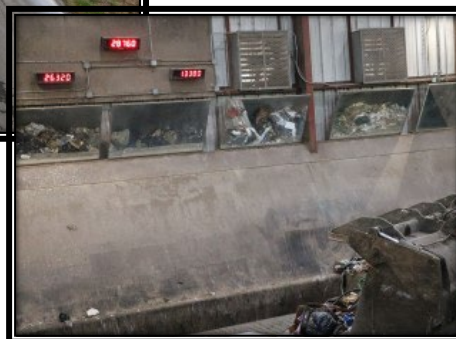


- Remember to separate your food scraps and organics from your trash.
- Dispose of organics here to help prevent methane in the landfill.

Transfer Truck Transports Waste



- Transfer Trucks move approximately 16 -20 tons per load.
- Mirrors help front loader operator distribute waste in trailer.
- Scales are used to distribute the load evenly over the axles.



Transfer Truck Leaving the Transfer Station



- Driver inspects the load to ensure safe transport.
- Driver closes the screen tarp to keep trash from flying out while load is in transit to the disposal site.



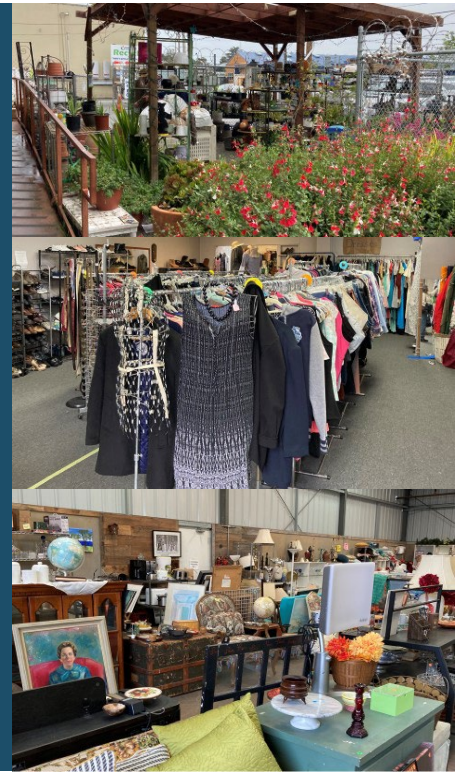
Summary of Ben Lomond Transfer Station

- Ben Lomond Recycling & CRV [by Grey Bears]
 - Recycling 1,391 tons per year
 - CRV 47 tons per year
 - 2 to 3 Grey Bears employees
- Ben Lomond Organics Diversion & Preprocessing
 - Organics 12,261 tons per year
 - 1-2 Keith Day Company employees
- Ben Lomond Transfer Station Materials Diversion
 - Other diverted items 3,028 tons per year
 - 4 to 6 employees
- Ben Lomond Waste Disposal toReGen Monterey
 - 15,809 tons per year
 - 2 to 3 transfer truck drivers



Grey Bears Chanticleer Campus

Santa Cruz, CA – Soquel Drive & Chanticleer



Facilities on Site Available to Everyone*

Thrift Store (Materials Reuse)

Edible Food Recovery – food shop, meals, and groceries (55+)*

Food Waste Compost

Recycling Center

E-Waste Recycling

Styrofoam Densification (ends June 30, 2023)

Edible Food Recovery



Grey Bears recovers edible food for daily hot meals, grocery shopping and delivery for volunteers and people in need.



Santa Cruz County residents from all jurisdictions use Grey Bears services

Recycling & Compost



Grey Bears runs its own and the County's recycling centers to support its edible food mission. Food waste is made into compost and sold in repurposed feed bags.



Santa Cruz County residents from all jurisdictions use Grey Bears facilities

E-Waste Reuse & Recycling



Grey Bears Accepts, Repairs, Resells, Reclaims, and Recycles Used Electrical Equipment Diverted from the Landfill.



Residents of all Santa Cruz County jurisdictions can use Grey Bears facilities to dispose of ewaste

Buena Vista Landfill & Recycling Center



About Buena Vista Landfill

The Buena Vista Recycling and Solid Waste Facility is the backbone of Santa Cruz County's waste diversion and disposal system, processing 350 tons of refuse daily. Located in the unincorporated County near Watsonville, it is a Class III municipal solid waste landfill.

Facilities Located On Site

- Solid Waste Processing & Burial,
- Landfill Gas Cogeneration Facility (AMERESCO),
- Recycling (Grey Bears),
- Organics Diversion & Preprocessing (Keith Day Company)
- Other Diverted Items,
- Household Hazardous Waste (HHW – Wednesday, Friday & Saturday)
- Environmental Monitoring
- Heavy Equipment Maintenance Shop

With the landfill nearing capacity, the facility will undergo improvements to meet the County's next generation waste disposal needs for waste transfer, recycling, organics processing, hazardous waste management, and other materials diversion requirements.



Buena Vista Landfill Diversion Guide
To Save Time – Sort Your Load First!

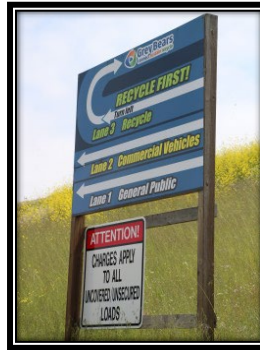
Not sure what we accept? Call 831.454.5153 or visit SantaCruzCountyRecycles.org. Fees Apply Unless Otherwise Noted.

Buena Vista Landfill Recycling Guide
Go to Grey Bears Recycling Center First – Free Drop Off

Not sure what we accept? Call 831.454.5153 or visit SantaCruzCountyRecycles.org.



Buena Vista Landfill



Grey Bears recycling bins seen as you enter Direction signs



Buena Vista Recycling Center

FREE AREA- Customers drive in and drop off recycling before they go to the scale house

- Metal – cans, scrap metal, including bicycle frames & more
- Plastic – clean plastic bottles, jugs & jars
- Glass – clean bottles & jars
- Paper – office paper, books & newsprint
- Corrugated cardboard
- E-waste
- Car batteries





Scale House

- Customers declare the composition of their loads.
- Cashier may come check load if cameras don't provide enough detail.
- Cashiers take payment and provide direction to tipping and diversion areas.



Household Hazardous Waste (HHW)



Buena Vista HHW Facility is open from 7:30 -3:30 on Friday & Saturday and on Wednesday from 7:30 -2:30 during normal landfill operations.

HHW is **FREE OF CHARGE** to residents of:

- Unincorporated Santa Cruz County
- Capitola,
- Scotts Valley, and
- Santa Cruz

Small business generators pay a fee to dispose of hazardous waste.



Organics Site

Keith Day Company collects, processes and transports County organics (landscape materials, food scraps, & unpainted wood - nails ok) to the compost facility at ReGen Monterey. They compost organics in windrows and grind wood into chips for mulch. Composting keeps the carbon in the products they make to help prevent climate change.



Landfill Diversion Area



- Mattresses
- Carpet and padding
- Appliances
- Monitors/TVs
- Clean concrete
- Drywall & gypsum board
- Hard plastics
- Propane tanks
- Tires & rims
- Aluminum windows
- Asphalt, tile, rock, brick & porcelain



Tipping Area



- Customers drive to the tipping area.
- Spotters monitor the tipping area and show customers where to unload .
- Heavy equipment operators move, compact, and bury waste.



AMERESCO – Landfill Gas to Energy

Ameresco Corporation works as an intermediary between landfills, nearby facilities, local utilities, and local governments to develop landfill gas to energy projects. The cogeneration facility at Buena Vista capture methane gas and converts it to 3 megawatts of electricity, enough to power 3,000 homes annually. This turns a harmful source of greenhouse gas into beneficial renewable energy.



Cogeneration facility



Methane collection pipe



Behind the Landfill

Large Equipment Repair Shop



Landfill Office & Shop Building



Secondary Flares

Many skilled people ensure Buena Vista operates to a high standard of excellence in operations, maintenance, & long-term environmental monitoring, to meet County waste management goals



Old Buena Vista Landfill – Closed & Monitored

Summary of Buena Vista Landfill

- Buena Vista Recycling [by Grey Bears]
 - Recycling 1,877 tons per year
 - 2 to 3 Grey Bears employees
- Organics Diversion & Preprocessing
 - Organics 28,638 tons per year
 - 3 - 4 Keith Day Company employees
- Buena Vista Materials Diversion & Landfill Operations
 - Other diverted items 23,777 tons per year
 - Refuse disposal 78,177 tons per year
 - 20 - 23 employees
- Buena Vista Equipment Support
 - 4 to 5 mechanic shop staff
- Buena Vista HHW & Environmental Compliance
 - 5-6 environmental employees



City of Watsonville Solid Waste Division Public Works & Utilities Department



City of Watsonville Collections



City of Watsonville Collections

- Organics, Recycling and Trash
- 11,300 Residential Customers
- 580 Commercial Customers
- 95 Multifamily Complexes
- 13 Routes Daily
- Street Sweeping 80 Miles
- 16 Drivers, 2 Supervisors
- Processing at ReGen



City of Watsonville Recycling & Waste Center



City of Watsonville Waste and Recycling Drop Off Center

- 9 Staff

In 2022

- Mattresses: 3,795 units
- Tires: 1,708 units
- Appliances: 3,502 units
- Food Waste: 38,433lbs
- HHW: 111,752lbs
- Clean Wood: 256,580lbs
- Yard Waste: 812,900lbs
- Metal: 120,000lbs
- E-waste: 74,542lbs
- Tv's: 4020 units
- Garbage: 6,887,580lbs



- Free Community Compost Give Back
- Treasure Corner Reuse Store
- Upcycling with the Science Workshop



City of Watsonville Landfill



City of Watsonville Landfill

- Cells 1 -3: Open 1962-2020
- Phase 4 Opening 2024: 25-30 years capacity
- Long Term Monitoring: Leachate, Methane
- 103 acres
- Permitted Maximum Tonnage: 275 Tons per Day; 71,600 Tons per Year
- Staff 1; 2024: 5



City of Watsonville Waste Reduction Programs

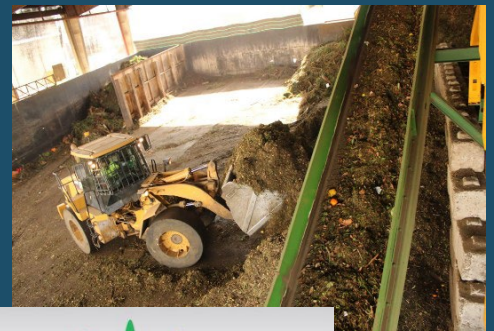


City of Watsonville – Waste Reduction Programs

- Bilingual Outreach
- Plastic Free Ordinances
- Residential & Commercial Audits
- Watsonville Green Business Program
- Food Recovery Program



GreenWaste Recovery Materials Recovery Campus San Jose, CA – 33 miles north of Santa Cruz CA



Facilities Located on Site

Single Stream Recyclables MRF – 85% recovery rate

Garbage and Mixed Materials MRF – 75% recovery rate

Food Waste & Yard Trimmings – 98% recovery rate





Single Stream Recyclables

Santa Cruz County Jurisdictions
Sending Recyclables to Charles
Street Single Stream MRF
Capitola
Scotts Valley
Unincorporated County



Single Stream Materials Recovery Facility (MRF)



Video Tour

Link to Recycling Materials Recovery Facility (MRF) video tour: <https://youtu.be/zmMAIYMfw9k>



ReGen Monterey

Marina CA – 16 miles south of Watsonville CA

Facilities Located on 461 Acre Site

Monterey Peninsula Landfill

Materials Recovery Facility (MRF)

Franchise Collection Facility

Compost Facility

Organics to Energy

Landfill Gas to Energy

Hazardous Waste Collection

Last Chance Mercantile



ReGen Monterey: Monterey Peninsula Landfill

Santa Cruz County Jurisdictions

Sending Waste to Marina CA

Capitola

Scotts Valley

Watsonville

Unincorporated County



Monterey Peninsula Landfill

Buries 200,000 tons/year

Remaining Capacity – 100 years

at current disposal rates



Marina Compost Facility- Video Tour Keith Day Company



Santa Cruz County Jurisdictions Sending Compostables to Marina CA: Capitola, Scotts Valley, Watsonville, & Unincorporated County

Link to Food and Yard Waste Compost Facility Video Tour: <https://youtu.be/te3JxqFn9TE>

Questions?

Thank You



Contact Task Force Staff with Questions: darcelle.pruitt@santacruzcounty.us