



GreenWaste Zanker Resource Recovery Facility Description of Materials

GreenWaste Zanker Resource Recovery Facility

Site 1: 705 Los Esteros Road, San Jose, CA 95134

Hours: Mon - Fri: 6:00 AM - 5:45 PM | Sat: 8:00 AM - 3:45 PM

Site 2: 675 Los Esteros Road, San Jose, CA 95134

Hours: Mon - Fri: 6:00 AM - 4:45 PM | Sat: Closed

Description of Materials

This document serves as a comprehensive guide detailing the materials accepted and not accepted at GreenWaste Zanker Resource Recovery Facility. Its primary purpose is to provide individuals and businesses with essential information regarding the types of waste materials that can be recycled or disposed of at these facilities.

Included are details on various types of materials accepted, such as construction & demolition debris, wood debris, yard debris, concrete, stucco/plaster, tar and gravel roofing, and more. Additionally, it outlines the LEED (Leadership in Energy and Environmental Design) certification and waste management requirements applicable to construction and demolition projects.

Furthermore, the document delves into specific aspects such as load determination, diversion rates, and third-party certification through the Recycling Certification Institute (RCI). By offering in-depth insights and compliance guidelines, this document aims to assist individuals and businesses in navigating the recycling and waste disposal processes effectively at our GreenWaste Zanker Resource Recovery Facilities.

RCI and Third Party Certification

The GreenWaste Zanker Resource Recovery Facility was the first recycling facility to earn RCI certification west of the Mississippi.

The GreenWaste Zanker Resource Recovery Facility has received third party certification through the RCI (Recycling Certification Institute). As a result, projects that send their materials to GreenWaste are eligible for earning one LEED point through the Verified Construction and Demolition Recycling Rates Pilot Credit.

RCI ensures integrity, transparency, accuracy, and reliability in the recovery/recycling reports of C&D recycling facilities. RCI's purpose is to implement the Certification of Real Rates Protocol (CORR), an ISO-level third party certification standard developed in conjunction with the USGBC and a diverse group of building, construction, recycling industry, and government stakeholders.

LEED is better for business, people, and the environment. LEED can help reduce energy and waste, conserve water, prioritize safer materials, and lower our exposure to toxins. It is essential for achieving ESG, decarbonization and equity goals.

View our facility diversion rates [HERE](#).

The US Green Building Council and LEED.

Every LEED (Leadership in Energy and Environmental Design) project starts with a waste management plan and must be measured on its own merit, not just on a specific load of recyclables and/or trash. A project may have multiple contractors who each perform different functions, but each contractor must account for the waste their project generates, and must provide proper disposal receipts. The receipts go to the owner or responsible party to track all the waste and recyclables generated for the project.

The intent of the point is to achieve higher quality of construction and demolition waste diversion by encouraging a verification standard for recycling facilities that will accurately quantify waste data. LEED certification is recognized as a symbol of sustainability achievement.

Debris box companies bear the most responsibility of any waste-processing company for tracking and record-keeping for the projects, although they normally do not receive all the waste materials. The USGBC developed a Pilot Credit in LEED to reward third party verified recycling rates from facilities. The Pilot Credit is available for projects registered under LEED v3, LEED v4 and LEED v4.1.

LEED v4.1 Construction and Demolition Waste Management

LEED aims to reduce the amount of construction and demolition waste disposed of in landfills or incinerated through the implementation of sustainable waste management practices aimed at reusing, recovering, and recycling materials, conserving resources for future generations.

Requirements:

All projects must develop and implement a construction and demolition waste management plan:

1. Identify strategies to reduce the generation of waste during project design and construction.
2. Establish waste diversion goals for the project by identifying the materials (both structural and nonstructural) targeted for diversion.
3. Describe the diversion strategies planned for the project. Describe where materials will be taken and identify expected diversion rates for each material.

Read about the additional LEED Pilot Credit [HERE](#).

GreenWaste Zanker Resource Recovery Facility: Site 1

The GreenWaste Zanker Resource Recovery Facility (Site 1) originally began as Zanker Road Landfill. It quickly developed into a major full service, resource management, composting/recycling facility and landfill for residents and commercial businesses.

This facility is divided into operational areas handling specific types of waste materials, which include: Construction & Demolition Debris Recycling, Asphalt Shingle Processing, Concrete Recycling and Wood Waste/Brush Recycling. The facility is also home to the Zanker Landscape Materials yard which sells all our landscape and construction products, as well as other landscape supplies.



Site 1

Brush & Yardwaste

Clean

Brush and tree trimmings, branches, tree rounds, tree chips, brush, leaves, and yard trimmings. Tree rounds and trees must be less than 4' and have a diameter of no more than 2'.

Mixed

These materials include brush as described plus other items such as trash, dirt, palm and ivy, etc.



Site 1

Oversized Brush/Tree Stumps/Logs

All brush and tree-trimmings/tree rounds bigger than 4' and have a diameter of more than 2'.



Site 1

Concrete - Clean

Clean concrete from building pads, driveways, road construction, etc. May include native stone and asphalt, with minimal flush-cut wire or rebar. Loads of base rock with less than 10% dirt. No brick, roofing tiles, wood, or trash. Concrete must not exceed dimensions of 3'x3'x3'; otherwise, it will be classified as oversized.



Site 1

Concrete - Clean w/Rebar

Concrete and asphalt containing some wire or rebar and a minimal amount of dirt or base rock. No brick, roofing tiles, wood, or trash. Concrete must not exceed dimensions of 3'x3'x3'; otherwise, it will be classified as oversized.



Site 1

Concrete - Mixed/Stucco

Heavily mixed concrete loads containing brick, adobe block, asphalt with petromat, roofing tiles, clay tile roofing or other inerts.

Note: loads of concrete and/or asphalt that contain excessive amounts of baserock and/or dirt will be charged as Dirt (Mixed).



Site 1

Concrete - Oversized

Clean concrete over 3'x3'x3' in size. Can contain wire and rebar.



Site 1

Construction & Demolition Debris

These loads are generated from construction, renovation, repair, and demolition of sites. C&D waste is made up of wood, drywall, concrete, gypsum, masonry, plaster, metal, and asphalt. Pressure-treated lumber, and lead-contaminated lumber are not allowed.



Site 1

Dirt

Clean

Residential dirt that is visibly free of contamination.

Mixed

Residential dirt that contains trash, concrete, wood, tree chips, stumps, brush, sod, yardwaste. etc.



Site 1

Foam/Insulation

Materials include: foam, insulation, and other light weight materials.



Site 1

Mobile Homes

Trailers, RVs, boats, and mobile homes. Extra charge for tires. No liquids, such as fuel, gas, or water.

Note: All Items listed above must come with DMV paperwork for recycling.



Site 1

Roofing - Composite/Tar & Gravel

Source separated commercial & residential roofing material, such as wood shingles, tar & gravel and composite asphalt shingles.



Site 1

Trash

Trash may include, but is not limited to, the following items:

Wood Products: Laminated wood, painted wood

Plastics: PVC pipes, film plastics, Styrofoam, and composite materials

Roofing and Insulation: Fiberglass insulation

Flooring and Tiles: Vinyl flooring rubber tiles, and ground rubber materials

Fixtures: Painted doors and laminated cabinets

Textiles and Linens: Textiles, and linens

Miscellaneous: Ceiling tiles, foam board, wet materials, Visqueen, packing materials, and items contained in trash bags



Site 1

Tree Chips

Clean

Tree chips are produced from chipped tree trimmings and may contain a few small tree rounds. No fibrous materials.

Mixed

Tree chips that contain lumber, chipped palm, or other fibrous materials. Loads cannot contain trash. Pressure treated tree stakes are not accepted.



Site 1

Wood Debris

Clean

Includes dimensional lumber, pallets, fencing, plywood, and lumber used for cement forms. Small amounts of metal affixed to the lumber such as nails or hinges are acceptable.

Mixed

Primarily wood with some nominal contamination, which normally includes plastics, painted lumber, and metals. Large amounts of contamination will automatically designate the load as trash.

GreenWaste Zanker Resource Recovery Facility: Site 2

In 1999, the GreenWaste Zanker Material Processing Facility, ZMPF (Site 2), began recycling operations. The facility is divided into several different processing areas, each capable of processing different types of waste streams. These areas include: Sheetrock Processing, Soils Processing and Mixed Construction & Demolition Waste Recycling.

The following operation plants are located at Site 2: Advanced C&D Processing System, Sheetrock Operation, and the DM Reduction System.



Site 2

Bulky Items

Bulky Items include couches, chairs, tables, white goods, and other furniture. Bulky items can include other recyclable large items. Source separated mattresses are recycled separately.



Site 2

Construction & Demolition Debris

These loads are generated from construction, renovation, repair, and demolition of sites. C&D waste is made up of wood, drywall, concrete, gypsum, masonry, plaster, metal, and asphalt. Shredded materials, pressure-treated lumber, and lead-contaminated lumber are not allowed.



Site 2

Carpet - Clean

Must be dry, free of tack strips, nails, and other debris, cut into 5' widths, no smaller than 3', backing to the outside, and must be separated from carpet pad. Contaminants on carpet that will designate load as trash include paint and drywall mud, body fluids, chemical or pharmaceutical contaminants. Excessive amounts of padding will designate load as trash.



Site 2

Dirt

Clean

Residential dirt that is visibly free of contamination.

Mixed

Residential dirt that contains trash, concrete, wood, tree chips, stumps, brush, sod, yard-waste, etc.



Site 2

Drywall

Clean

This load contains stucco, plaster, pool plaster or gunite. Loads must not be wrapped in Visqueen or contained within garbage bags or boxes. Please place Visqueen in a trash bag at the front of your load.

Mixed

Drywall that contains nominal amounts of other items such as Visqueen, ceiling tiles, wood, or other debris.



Site 2

Foam/Insulation

Materials include: foam, insulation, and other lightweight materials.



Miscellaneous debris contains a low volume of recyclable commodities. This classification would be considered trash at any other C&D recycling facility. Materials also include furniture, couches, cabinets, doors, and windows.



Site 2

Trash

Trash may include, but is not limited to, the following items:

Wood Products: Laminated wood, painted wood

Plastics: PVC pipes, film plastics, Styrofoam, and composite materials

Roofing and Insulation: Fiberglass insulation

Flooring and Tiles: Vinyl flooring rubber tiles, and ground rubber materials

Fixtures: Painted doors and laminated cabinets

Textiles and Linens: Textiles, and linens

Miscellaneous: Ceiling tiles, foam board, wet materials, Visqueen, packing materials, and items contained in trash bags



Site 2

E-Waste

Old computers, televisions, and other electronic devices.



Site 2

Freon Containing Items

Appliances containing freon. Refrigerators, freezers, air conditioners, dehumidifiers, and water coolers contain ozone-depleting refrigerants (CFCs / Freon) that must be removed by a certified professional. If no certification is provided a \$35/item fee will be charged.



Site 2

Mattresses

Must be dry and free of liquids. Box springs and futon mattresses are included.



Site 2

Tires

Includes car and truck tires.

Materials Not Accepted

- Acetylene sludge
- Acid wastes
- AFU floc (What is this)
- Alkaline corrosive liquids
- Alum sludge
- Ash
- Liquid or emulsion form
- Bag house waste
- Batteries/Battery acid
- Beryllium waste
- Bilge water
- Boiler cleaner waste
- Buffing dust
- Bunker oil
- Catalyst
- Caustic sludge/Caustic waste
- Cement kiln dust/Cement liquid
- Chemical toilet cleaners
- Chemical wastes
- Cleaner alkaline
- Cleaning compounds
- Cleaning solvents
- Coking process wastes
- Contaminated soil or sand
- Corrosion Inhibitor
- Creosote Treated Items
- Cyanide solutions or waste
- Data processing fluid
- Distillation bottoms & light ends
- Drilling fluids and mud
- Dyes
- Emission control wastes
- Epoxy waste
- Explosives
- Finishing waste
- Flammable materials & waste
- Fuel gas emission control waste
- Fly ash
- Fuel waste
- Glaze sludge
- Hazardous waste
- Heavy ends waste
- Ink printing
- Insecticides
- Laboratory wastes
- Lagoon waste
- Lime and water
- Lime sludge and waste water
- Metal waste
- Mine Tailings
- Muriatic acid and Oil ash
- Paint remover or stripper/Paint thinner
- Paint waste or slops
- Petroleum refining wastes
- Pesticide waste
- Pesticide containers
- Pharmaceuticals/Drugs
- Pickling waste
- Pigments
- Plating waste
- Polychlorinated biphenyl (PCBs)
- Pressure treated wood/Printing Ink
- Produced water
- Radioactive wastes
- Railroad Ties
- Resin manufacturing waste
- Sandblasting residue
- Scrubber sludge
- Slag waste
- Slop oil
- Sludge acid
- Sludge waste
- Soda ash (Sodium carbonate)
- Solvents
- Still bottoms waste
- Stripping solution
- Sulfur sludge's
- Sump waste
- Tank bottom sediment
- Tank cleaning sludge
- Tanning sludge
- Toxic materials and waste
- Treated wood waste
- Waste water
- Weed killer
- Wood preservation waste

Please note there are other potential materials not listed that may not be accepted.



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