



CONSTRUCTION & DEMOLITION DEBRIS RECYCLING REQUIREMENTS

Department of Resource Management
675 Texas Street, Suite 5500
Fairfield, CA 94533
Office (707) 784-6765
Recycling@solanocounty.com

PLANNING DIVISION – INTEGRATED WASTE SECTION

BUILDING PERMIT APPLICANTS

Solano County is committed to the diversion of solid waste and compliance with state requirements to establish programs for waste reduction and recycling.

It is your responsibility to familiarize yourself with all applicable code requirements found in CalGreen code Section 4.408 and 5.408 as adopted by Solano County Code Chapter 6.3. Carefully read the agreement you sign at the end of the CONSTRUCTION AND DEMOLITION DEBRIS (C&D) RECYCLING PLAN – PART 1.

Non-compliance may result in a hold on your final inspection.

1. You are responsible for:
 - Diverting at least sixty-five percent (65%) of the construction and demolition debris from covered projects as required by CALGreen.
 - Repurposing or recycling 100 percent (100%) of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing for covered projects as required by CALGreen.
 - Providing documentation that demonstrates all Universal Waste items, such as fluorescent lamps mercury containing thermostats, are diverted from landfills as required by CALGreen.
2. A building or demolition permit will be issued only after a C&D recycling plan for the project is submitted and approved. Submit your signed and completed CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING PLAN – PART 1 to the Planning Division – Integrated Waste Section.
3. Collect all required project debris documentation (e.g., weight tickets or hauler diversion report) and submit it to the Planning Division-Integrated Waste at the end of the project before final inspection. This submission must include a completed CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING PLAN – PART 2 form. These documents include material type and weight in tons or individual units, as applicable, as well as the name of destination facility.
4. The CalGreen Code can be found online [linked here](#) or at <https://codes.iccsafe.org/content/CAGBC2022P1>
5. Exempt Projects include:
 - Remodel/alteration does not increase the building's conditioned area, volume, or size
 - Residential Projects that do not have conditioned or unconditioned space (Ground Mount Solar, Pools, Patios, Carports)
 - Simple Building Permits

If you have any questions or need clarification about these requirements, please contact the Planning Division - Integrated Waste at (707) 784-6765.

Enclosed: Construction and Demolition Debris Recycling Plan – Part 1 [FORM](#)
Construction / Demolition Recycling Report Conversion Table
Solano County Service Area Collection Boundary Map
Construction and Demolition Debris Recycling Plan – Part 2 [FORM](#)



CONSTRUCTION & DEMOLITION DEBRIS RECYCLING PLAN

PART 1 FORM

**Department of Resource Management
Planning Division – Integrated Waste Section**
675 Texas Street, Suite 5500
Fairfield, CA 94533
(707) 784-6765
Recycling@solanocounty.com

| COVERED PROJECTS | REGULATION |
|---|---|
| New Construction | Solano County Code: Chapter 6.3 |
| Demolition | |
| All Residential Additions & Alterations that increase the building's conditioned area, volume, or size. | CALGreen: Residential: 4.408 Non-Residential: 5.408 |
| All Non-residential Additions & Alterations | |

Instructions: Submit completed and signed Part 1 Form with Building Permit Application.

Applicant Information:

| | | |
|-------------------------|-----------------------|---|
| Applicant Name: | | Owner <input type="checkbox"/> Contractor <input type="checkbox"/> Other <input type="checkbox"/> |
| Mailing Address: | | |
| Phone Number: | Email Address: | |

| Project Address(es): | | |
|---|--|---|
| Project Materials | Estimated Recycled / Reused (in tons) | Estimated Amount Disposed (in tons) |
| Co-mingled Construction and Demolition Debris | | |
| Wood | | |
| Metal | | |
| Concrete | | |
| Sheetrock | | |
| Land Clearing Debris | | |
| Universal Waste (batteries, ballast, florescent bulbs, thermostats, etc) | | |
| Trash (non-recyclable waste) | | |
| Other (Please Describe): | | |
| How will project debris be managed? | | |
| Debris boxes provided by a designated collector <input type="checkbox"/> (Complete Section A) | | Self-haul <input type="checkbox"/> (Read Section B) |

Section A – Complete if you will use debris box(es). (Select provider from Service Area Collection Boundary Map)

| |
|--|
| Designated Collector Name: |
| Bin Set-up Plan: (check all that apply) |
| Co-mingled C&D debris box <input type="checkbox"/> Source Separate debris boxes <input type="checkbox"/> Trash box services <input type="checkbox"/> |

Section B – Self-Haulers:

| | |
|---|--|
| Receipts | Per CALGreen, to claim recycling credit, load tickets must be "Stamped as Sorted" or load tickets must list C&D or a source separated recycled materials type, and the weight of material recycled. |
| County Code 23-31.2 Designated Collector | (a) At such time as there is in force an exclusive service agreement entered into by the County with any person, firm or corporation for the collection and transport of municipal solid waste, recyclable and green waste in the unincorporated area identified by map as Service Areas A-E, it is unlawful for any person other than the persons in the employ of the contractor having such contract to collect or transport any solid waste, recyclables and green waste within Service Areas A-E. |
| County Code 23-31.2 Self-Hauling | (b) Nothing contained in this chapter shall be construed to prevent or prohibit any resident in Service Areas A-E from taking, hauling, transporting and disposing of any bulky waste or solid waste, recyclable and green waste material created by occupants or visitors of the household or business provided disposal is in accordance with state and local law. |

Applicant Declaration

By signing this document, I acknowledge I am responsible for complying with the requirements of the CALGreen Code. I am aware this includes the following:

- **A minimum of sixty-five percent (65%) of the construction and/or demolition debris will be diverted for covered projects as required by CALGreen.**
- One hundred percent (100%) of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing for all covered projects shall be recycled or repurposed as required by CALgreen.
- I am responsible for providing documentation that demonstrates all Universal Waste items are disposed of properly and are diverted from landfills as required by CALGreen.
- To the fullest extent possible, all materials shall be diverted from disposal in solid waste landfills through recycling, salvaging, reusing, and/or charitable donations as required by CALGreen.

I agree to the following:

- Should subcontractors furnish their own debris boxes as part of their scope of work, such subcontractors shall not be excluded from complying with the Plan.
- If I make changes to the Plan after its approval by the Planning Division-Integrated Waste, I will submit a written amendment for re-approval.
- A copy of the up-to-date Plan will be maintained on-site for the duration of the project and will be available for examination by job site workers, subcontractors, and enforcement agencies.

I understand that:

- No building or demolition permit shall be issued for a covered project until the Planning Division-Integrated Waste has approved the Plan.
- **Final inspection and/or the certificate of occupancy shall not be issued by the Building Division until the Planning Division-Integrated Waste finalizes the recycling portion of the building permit.**
- Failure to comply with the Plan and meet the specified diversion requirements may result in a hold on your final inspection.
- Permit applicants who are approved to self-haul project debris must submit documentation to the Planning Division-Integrated Waste after the first load of project debris has been taken to a recycling and/or landfill facility.

Weight Tickets and Inspections:

Collect and include all weight ticket receipts for disposal and diversion with Construction and Demolition Debris Recycling Plan – Part 2 Verification Form. In order to get recycling credit, request and hold on to receipts that show the amount of Construction and Demolition (C&D) accepted and not Municipal Solid Waste (MSW). Submit required documentation to Recycling@solanocounty.com, or upload to Accela, or deliver in-person to the Department of Resource Management, Planning Division – Integrated Waste Section, 675 Texas Street, 5th Floor, Fairfield, CA 94533. If you have any questions, please call (707) 784-6765.

Final inspection will only be granted by once all weight tickets have been provided.

| | |
|-----------------------------|--------------|
| Applicant Signature: | Date: |
|-----------------------------|--------------|

Construction / Demolition Recycling Report

Conversion Table

To calculate the percentage of materials recycled and/or reused:

To determine the percentage of materials recycled/reused, divide the number of tons which were recycled/reused by the TOTAL tonnage generated by this job.

$$\text{Percent Recycled/Reused} = \frac{\text{recycling} + \text{reused tons}}{\text{recycling tons} + \text{reused tons} + \text{disposed tons}}$$

Example:
$$\frac{1 \text{ ton recycling} + 1 \text{ ton reused}}{1 \text{ ton recycling} + 1 \text{ ton reused} + 2 \text{ tons disposal}} = \frac{2}{4} = 0.5 \text{ (multiply 0.5 by 100 = 100\%)}$$

Salvaged Materials:

Please estimate the quantity of material recycled/reused. Your estimates should be provided in tons.

Example: $25 \text{ pounds} \div 2000 \text{ pounds} = 0.02 \text{ tons}$

How to convert pounds to tons:

To convert pounds to tons, divide the number of pounds by 2000 pounds. 1 ton = 2,000 pounds

Example: $700 \text{ pounds} \div 2000 \text{ pounds} = 0.35 \text{ tons}$

How to convert cubic yards to tons:

Select the type of material recycled/reused from the chart to the right. 

Multiply the corresponding number by the total number of cubic yards recycled/reused.

1 cubic yard of asphalt = 0.69 tons

Example: $5 \text{ cu. yds. of asphalt} = 5 \times 0.69 = 3.45 \text{ tons}$

| Material Type | Tons per Cubic Yard |
|-------------------|---------------------|
| Asphalt | 0.69 |
| Brick | 1.51 |
| Cardboard | 0.05 |
| Concrete | 0.93 |
| Dirt/Clean Fill | 1.00 |
| Drywall/Sheetrock | 0.20 |
| Lumber | 0.17 |
| Plastic | 0.17 |
| Roofing Materials | 0.21 |
| Metals | 0.45 |
| Mixed Materials | 0.25 |
| Green Waste | 0.05 |

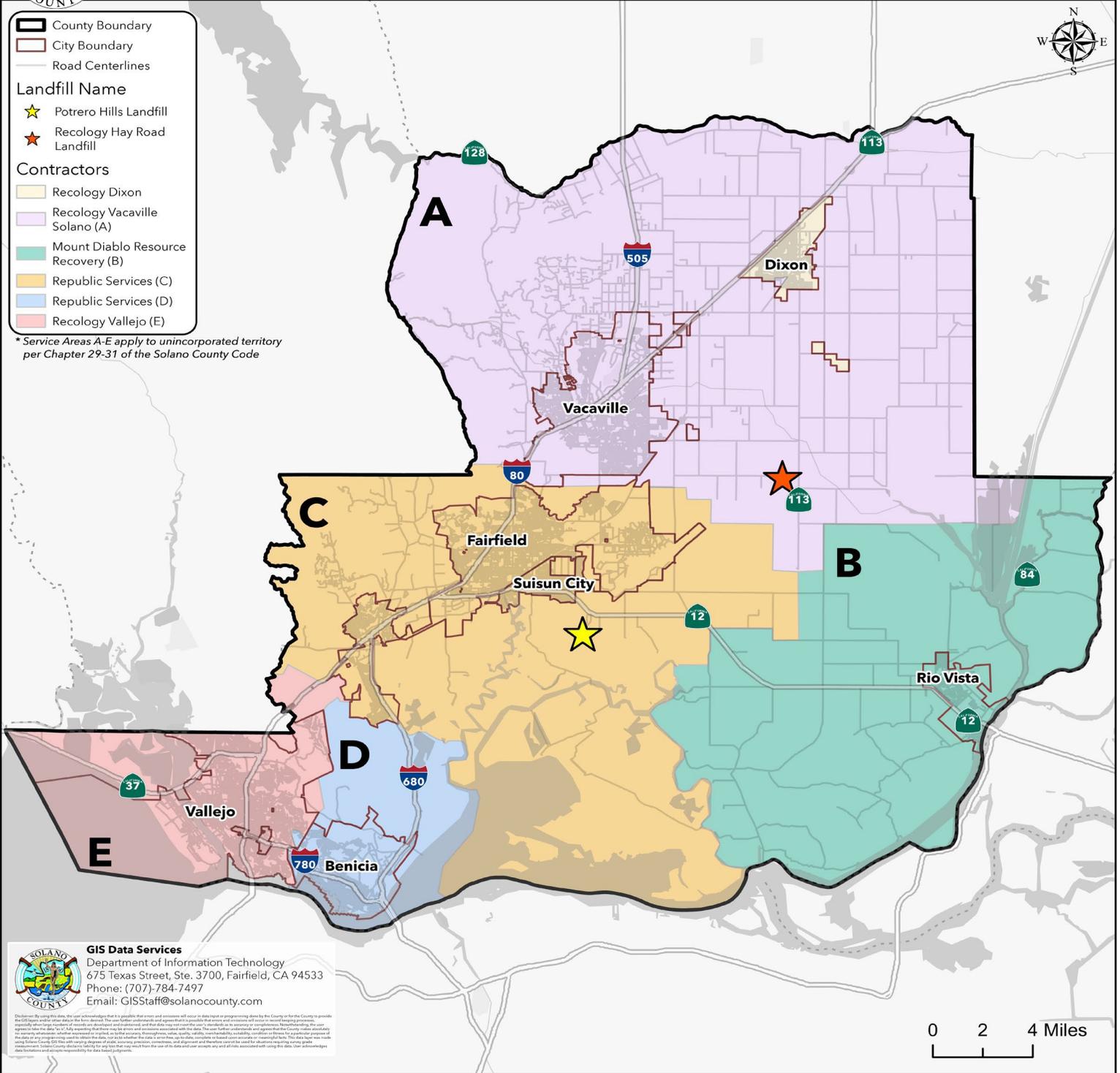


Solano County Garbage Service Areas and Landfill Locations

Department of Resource Management

- County Boundary
- City Boundary
- Road Centerlines
- Landfill Name**
- Potrero Hills Landfill
- Recology Hay Road Landfill
- Contractors**
- Recology Dixon
- Recology Vacaville Solano (A)
- Mount Diablo Resource Recovery (B)
- Republic Services (C)
- Republic Services (D)
- Recology Vallejo (E)

* Service Areas A-E apply to unincorporated territory per Chapter 29-31 of the Solano County Code



Contractor Information

Recology Dixon
 1 Town Square Place, Ste. 200,
 Vacaville, CA 95688
 Phone: (707) 678-4026
<https://www.recology.com/recology-dixon/>

Republic Services (C)
 2901 Industrial Court,
 Fairfield, CA 94533
 Phone: (707) 437-8900
<https://www.republicservices.com/municipality/fairfield-ca>

A **Recology Vacaville Solano**
 1 Town Square Place, Ste. 200,
 Vacaville, CA 95688
 Phone: (707) 448-2945
<https://www.recology.com/recology-vacaville-solano/>

D **Republic Services**
 441 North Buchanan Circle,
 Pacheco, CA 94553
 Phone: (707) 747-0608
<https://www.republicservices.com/municipality/benicia-ca>

B **Mount Diablo Resource Recovery**
 100 Main Street,
 Rio Vista, CA 94517
 Phone: (707) 374-5644
<https://mdrr.com/solano-county/>

E **Recology Vallejo**
 2021 Broadway Street,
 Vallejo, CA 94589
 Phone: (707) 552-3110
<https://www.recology.com/recology-vallejo/>

Landfills

Potrero Hills Landfill
 3675 Potrero Hills Lane, Suisun City, CA 94585
 Phone: (707)-432-4627
<https://www.wasteconnections.com/potrero-hills-landfill/>

Recology Hay Road
 6426 Hay Road, Vacaville, CA 95687
 Phone: (707)-678-4718
<https://www.recology.com/recology-vacaville-solano/hay-road-landfill/>

