OP 24: Construction and Demolition Waste Diversion

1 point available

A. Credit Rationale
This credit recognizes institutions that have diverted construction and demolition (C&D) wastes. Construction and demolition is a significant source of waste that falls outside of an institution’s standard waste stream and may be handled by a separate contractor or waste hauler.

B. Criteria
Institution diverts non-hazardous construction and demolition waste from the landfill and/or incinerator.

Soil and organic debris from excavating or clearing the site do not count for this credit.

C. Applicability
This credit applies to all institutions that have conducted a major construction, renovation and/or demolition project in the three years prior to the anticipated date of submission.

D. Scoring
Institutions earn the maximum of 1 point available for this credit by diverting all of their non-hazardous construction and demolition waste from the landfill or incinerator in a one-year period. Incremental points are awarded based on the percentage of waste that is recovered. For example, an institution that diverts 50 percent of its construction and demolition waste would earn 0.5 points (half of the points available for this credit).

Enter values as indicated below to calculate points earned for this credit
Points will be calculated automatically when data are entered in the STARS online Reporting Tool

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<thead>
<tr>
<th>C&amp;D Waste Recycled, Donated or Otherwise Recovered</th>
<th>Add</th>
<th>C&amp;D Waste Landfilled or Incinerated</th>
<th>Equals</th>
<th>Total Amount of C&amp;D Waste Generated (Recovered + Disposed)</th>
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Factor | Multiply | C&D Waste Recycled, Donated or Otherwise Recovered | Divide | Total Amount of C&D Waste Generated (Recovered + Disposed) | Equals | Total Points Earned
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Scoring Example: Construction and Demolition Waste Diversion

Example University had two major construction projects during the past year. These projects generated the following C&D materials:

- 50 tons of C&D materials that were recycled
- 10 tons of C&D materials that were donated
- 40 tons of C&D materials that were landfilled

Materials recycled, donated or otherwise recovered = 50 + 10 = 60
Total amount of C&D waste generated = 100

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<tr>
<th>C&amp;D Waste Recycled, Donated or Otherwise Recovered</th>
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<tr>
<td>60</td>
<td>+</td>
<td>40</td>
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Factor Multiply C&D Waste Recycled, Donated or Otherwise Recovered Divide Total C&D Waste Generated (Recovered + Disposed) Equals Total Points Earned

1 × 60 ÷ 100 = 0.60

E. Reporting Fields

Required

- Construction and demolition materials recycled, donated, or otherwise recovered (short tons/tonnes)
- Construction and demolition materials landfilled or incinerated (short tons/tonnes)
- An affirmation that the submitted information is accurate to the best of a responsible party’s knowledge and contact information for the responsible party. The responsible party should be a staff member, faculty member, or administrator who can respond to questions regarding the data once submitted and available to the public.
Optional

- A brief description of programs, policies, infrastructure investments, outreach efforts, and/or other factors that contributed to the diversion rate for construction and demolition waste
- Notes about the submission

**F. Measurement**

**Timeframe**
Report on the most recent data available for a one-year period.

**Sampling and Data Standards**
Not applicable