



**PDHonline Course C318 (8 PDH)**

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## **Reducing Solid Waste**

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**PDH Online | PDH Center**

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# G Monitoring and Evaluation

Name of Reviewer:	Date of Review:
Building:	Department:
Name of Contract:	Telephone Number:

## 1 Amount of Waste Reduced

Use the following tables to quantify the annual amount of waste that is being reduced as a result of your company's waste reduction efforts. When recording the amount of waste prevented, use whatever time period (e.g., weeks or months) is easiest for you to measure. Multiply these figures by the appropriate annual multiplier to come up with an estimate of the amount of waste reduced per year. Then, in the last column of each table, convert this amount to either weight or volume. (if you are charged for waste removal based on weight, convert the amount of waste reduced to tons. If you are charged for waste removal by volume or per pull, convert this amount to cubic yards).

### A Waste Prevention

Activity	Type of Waste Prevented	Amount of Waste Prevented (units/time period)	Annual Amount of Waste Prevented	Conversion to Tons or Cubic Yards*
			X Annual Multiplier =	
<i>Double-sided copying</i>	<i>White office paper</i>	<i>12 reams per week</i>	<i>624 reams per year</i>	<i>21 cubic yards per year</i>
<i>Donate wooden pallets</i>	<i>Pallets</i>	<i>10 pallets per week</i>	<i>520 pallets per year</i>	<i>10.4 tons per year</i>
Total				

• See Appendix D for conversion tables.

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## B. Recycling

Material	Amount of Waste Collected (units/time period)	Annual Amount of Waste Collected	Conversion to Tons or Cubic Yards*
<i>HDPE plastic</i>	<i>40 pounds per week</i>	<i>2,080 pounds per year</i>	<i>1.04 tons</i>
<b>Total</b>			

## C. Composting

Material	Location of Composting	Estimated Amount of Waste Reduced	Annual Amount of Waste Reduced	Conversion to Tons or Cubic Yards
<i>Cafeteria food scraps</i>	<i>On site</i>	<i>250 pounds per week</i>	<i>13,000 pounds per year</i>	<i>6.5 tons</i>
<b>Total</b>				

## D. Total Amount of Waste Reduced

Use the formula below to calculate the total annual amount of waste reduced (in tons or cubic yards).

$$\begin{array}{c}
 \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \boxed{\hspace{2cm}} \\
 \text{Total annual amount of} \quad \text{Total annual amount} \quad \text{Total annual amount} \quad \text{Total Annual Amount} \\
 \text{waste prevented} \quad \text{of waste recycled} \quad \text{of waste composted} \quad \text{of Waste Reduced} \\
 \text{[from Step 1-A]} \quad \text{[from Step 1-B]} \quad \text{[from Step 1-C]}
 \end{array}$$

• See Appendix D for conversion tables.