

US EPA ARCHIVE DOCUMENT

G Monitoring and Evaluation

C. Total Revenues and Avoided Purchase Costs

Calculate the total annual revenues and avoided purchase costs using the following formula:

$$\begin{array}{r}
 \underline{\hspace{2cm}} \\
 \text{Total annual revenues} \\
 \text{[from 3-A]}
 \end{array}
 +
 \begin{array}{r}
 \underline{\hspace{2cm}} \\
 \text{Total annual avoided} \\
 \text{purchase costs [from 3-B]}
 \end{array}
 =
 \$ \begin{array}{r}
 \underline{\hspace{2cm}} \\
 \text{Total Annual Revenues} \\
 \text{and Avoided Purchase} \\
 \text{Costs}
 \end{array}$$

4 Gross Annual Waste Reduction Savings

Use the following formula to calculate the gross annual savings resulting from your waste reduction program. If an estimate of your program's net savings is desired, use Step 2-B in Worksheet F to estimate operating costs for each of your waste reduction measures. Then, subtract these costs from the gross savings calculated below.

$$\begin{array}{r}
 \underline{\hspace{2cm}} \\
 \text{Total annual avoided} \\
 \text{waste removal costs} \\
 \text{[from Step 2-D]}
 \end{array}
 +
 \begin{array}{r}
 \underline{\hspace{2cm}} \\
 \text{Total annual revenues and} \\
 \text{avoided purchase costs} \\
 \text{[from Step 3C]}
 \end{array}
 =
 \$ \begin{array}{r}
 \underline{\hspace{2cm}} \\
 \text{Gross Annual Waste} \\
 \text{Reduction Savings}
 \end{array}$$

5 Purchases of Recycled Products

Use the following table to track your purchase of products with recycled content.

Recycled Content Product	Annual Quantity Purchased	Unit Price	Annual Purchase Cost
		x	=
Recycled corrugated cardboard boxes	2,000 units	\$.10 per unit	\$200



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6 Other Factors

Consider other significant factors that may have influenced any changes in cost or savings. For example, did your number of employees increase or decrease?

7 Summary

Summarize the success of your waste reduction program and describe any drawbacks. Indicate ways to address these drawbacks.
