Use this worksheet to analyze your waste reduction program once it has been fully implemented and in place long enough to be evaluated.

Program monitoring and evaluation is a critical element of any waste reduction program. This worksheet will help you gauge the effectiveness of your waste reduction program by estimating 1) how much waste your company is reducing, 2) avoided waste removal costs, 3) avoided purchasing costs, and 4) revenues.

Be aware, however, that this worksheet does not calculate *net* costs or savings of the program. To do this, you would need to consider any capital and operating expenses incurred as a result of the program, as listed in Worksheet F. Now might be a good time to revisit that worksheet.

Also, factors other than your program could be affecting the amount of waste your company is generating, its waste removal and purchase costs, and any savings being realized. Consider if any extenuating factors (such as a reduction in your workforce) are contributing to these measures of success.

Finally, keep in mind that costs are not the sole indicator of a program's success. Be sure to consider the intangible benefits of waste reduction, such as improved corporate image and employee morale, when ascertaining the success of your program.

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

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

B. Recycling							
Material	Amount of Wast Collected (units/time period)		Annual Amount of Waste Collected		Conversion to Tons or Cubic Yards*		
			nnual plier =				
HDPE plastic	40 pounds per we	eek	2,080	pounds	s per year	1.04 t	ons
novece esta naserio ar grit, convert tre amount	nen; in fhetast colu emovel based on we	Ser year. T	pegused pegused	ens uc	the amount of or volume, (if you on one of women	o elami Inglaw	one allow up send to either to either
							Ands).
					Total		
C. Composting							
Material	Location of Composting	Amo	mated ount of W uced		Annual Amo of Waste Reduced	ount	Conversion to Tons or Cubic Yards
					olier =		
Cafeteria food scraps	On site	250 week	pounds p	er	13,000 poun year	ds per	6.5 tons
						Total	
D. Total Amount of							
Use the formula belo	w to calculate the tot	al annual	amount o	f waste	reduced (in to	ns or cu	bic yards).
	+		+		=	:	
Total annual amount of waste prevented [from Step 1-A]	of Total annua of waste r [from Sto	ecycled		f waste	nnual amount e composted Step 1-C]		tal Annual Amoun f Waste Reduced

[•] See Appendix D for conversion tables.

2 Avoided V	Waste Removal Cos	sts	
hauling. Companies ma	costs will be calculated differen by be charged by weight (2-A), we by of the following tables as appr	olume (2-B), container pull (2C), or a combination (2-D) of
A. Avoided Waste Ren	moval Costs (if charged by weight) primati to incom	ă.
Activity	Total Annual Amount of Waste Reduced (in tons) [from Worksheet G-1]	Waste Removal Cost (per ton) [from Worksheet B-2]	Annual Avoided Removal Costs
Waste Prevention			
Recycling			
composting			
		Total	
B. Avoided Waste Ren	noval Costs (If charge by volume	e)	
Activity	Total Annual Amount of Waste Reduced (in cubic yards) [from Worksheet G-1]	Waste Removal Cost (per cubic yard) [from Worksheet B-2]	Annual Avoided Removal Costs
Waste Prevention			
Recycling			
composting			
		Total	

Activity	Total Annual Amount of Waste Reduced (in cubic yards) [f r o m Worksheet G-1]	Volume of Hauling Container	Container Pull Avoided	[from Worksheet B-2]	Annual Avoided Waste Removal Costs
Waste Prevention					
Recycling					
Composting					
		_		Total	
D. Total Avoided Wa	aste Removal Costs charged in a combina	ation of wave for	wasta ramoval sarvio	ees and you have	filled out two
ii youi company is	•	•	alculate your total avo	•	

[from 2-C]

3 Revenues	and Av	oided	Purcha	ase Cos	sts		
A. Revenues							
Use the following table to	calculate th	e revenue:	s received f	rom collecte	ed recyc	lable or exchan	ged materials,
Activity	Amount Collected Time Per		Annual A		Unit	Price	Estimated Annual Revenue
		x A n Multij		x		A Miles	
Glass recycling	55 pounds week	s per	2,880 pou year	inds per	\$0.08	3 per pound	\$229
						Total	
If your company receives compost, use the formula							
Revenues from recycl	ing +		nues from es, compos	materials t sales, etc.	=	\$ Total Annua	al Revenues

C. Total Revenues and Calculate the total an		sts ded purchase costs using the	following formula:
Total annual reve [from 3-A]		Total annual avoided urchase costs [from 3-B]	Total Annual Revenues and Avoided Purchase Costs
Use the following formu estimate of your program	la to calculate the gross m's net savings is desire		n your waste reduction program, If 'an F to estimate operating costs for each savings calculated below.
Total annual avo waste removal o [from Step 2-	costs	ental annual revenues and avoided purchase costs [from Step 3C]	Gross Annual Waste Reduction Savings
	s of Recycled	Products of products with recycled conte	ent.
			Annual Purchase Cost
Use the following table to Recycled Content	to track your purchase of	of products with recycled conte	
Use the following table to Recycled Content Product	Annual Quantity Purchased	Unit Price	Annual Purchase Cost
Use the following table to Recycled Content Product	Annual Quantity Purchased	Unit Price	Annual Purchase Cost
Use the following table to Recycled Content Product	Annual Quantity Purchased	Unit Price	Annual Purchase Cost

B. Avoided Purchase Costs

Use the following table to calculate the annual savings from avoided purchase costs resulting from all waste reduction activities (waste prevention, composting, recycling, materials exchange).

Activity	Material	Amount of Material Not Purchased per Time Period	Unit Price	Total Avoided Purchase Cost	Annual Avoided Purchase Cost	
			K [X Annual Multiplier =		
Double-sided copying	White office paper	12 reams per week	\$3 per ream	\$36 per week	\$1,872	
	1	ı	ı	Total		

6	Other Factors
	ider other significant factors that may have influenced any changes in cost or savings. For example, did number of employees increase or decrease?
_	
_	
_	
_	
7	C
	Summary marize the success of your waste reduction program and describe any drawbacks. Indicate ways to address drawbacks.
_	
_	
_	
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