

Calculate the Amount of Recoverable Paper

in Your Municipal Waste Stream

Use this worksheet to determine your cost savings by recycling more paper in your municipality.

STEP 1: Determine your community's waste generation

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Total tons of trash sent for disposal Total tons of materials diverted¹ from disposal **Total Generation**
(Amount of trash and recyclables generated in your community)

STEP 2: Determine the amount of recoverable/recyclable paper still in your waste stream after recycling

$$\underline{\hspace{2cm}} \times 0.20^2 = \underline{\hspace{2cm}}$$

Total Generation
(Amount of trash and recyclables generated in your community) **Total paper in waste stream that could be recycled**

STEP 3: Calculate the recoverable paper that could be recycled from your waste.

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Total paper in waste stream that could be recycled Actual tons of recycled paper **Recoverable paper in waste that could be recycled**

STEP 4: Calculate the total cost to dispose of recyclable paper.

$$\underline{\hspace{2cm}} \times \$ \underline{\hspace{2cm}} = \boxed{\$ \underline{\hspace{2cm}}}$$

Recoverable paper in waste that could be recycled Per ton disposal cost **TOTAL COST TO THROW AWAY PAPER**

¹ Total tons diverted = tons of recycling + tons of composting + tons of household hazardous products and difficult-to-manage-waste collected to be recycled

² Based on MassDEP waste stream analysis



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