

## The Compacting/Baling Waste Disposal Option

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<b>INITIAL COSTS</b>	<b>(\$30K total)</b>
machinery	compactor/baler <b>\$10K</b>
other	building, training, equipment, berms <b>\$20K</b>

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<b>REPLACEMENT COSTS</b>	<i>(\$5K after 10 years)</i>
	ram, hoses, etc after 5 yrs: <b>\$2.5K</b> ;
	hydraulic pump, etc in 10yrs: <b>\$2.5K</b>

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<b>RECURRING COSTS</b>	<b>(\$9.3K total)</b>
fuel	1hr/wk @ 5gal/hr = \$10/wk or <b>\$0.5 K/yr</b>
operator	8hr/wk @ \$15hr = \$120/wk or <b>\$6.3 K/yr</b>
earth work	<b>\$2 K/yr</b>
maintenance	<b>\$0.5 K/yr</b>

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<b>CLOSING COSTS</b>	<b>(\$40K total)</b>
	<b>\$40K</b> at end of 10 years for building removal & site restoration, including capping and sealing of bale mound

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<b>FINAL PRODUCTS</b>	
pollution	not inert; depends on contents and on degree of decomposition & leaching during handling and storage
<u>gasses</u>	probable methane output; no problem if properly vented
<u>bale storage</u>	may produce decomposition products during storage that could leach into ground
volume	5800 cu.yd./decade. raw refuse reduced 30% to a 10-yr total of 4060cu.yd. Bale mound final size @ 10yrs = 192x192x6ft.
nuisance	probably some smell, no noise; may attract rodents & insects
perceptions	no major unknowns; leachates easy to monitor

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<b>FLEXABILITY</b>	quite flexible; allows options for recycling or "mining" of the final product later on, and for incineration if decided later
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<b>SITE CONDITIONS</b>	
ongoing	what you see now + 24x30 building, and 8' berm
at closure	8' mound, revegetated; not open for uses of surface

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