

## The Incinerator Waste Disposal Option

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### INITIAL COSTS (\$120K total)

<u>machinery</u>	incinerator <b>\$80K</b>
<u>other</u>	bldg, training, equipment <b>\$40K</b>

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### REPLACEMENT COSTS (\$50K after 10yrs)

controls, motors, etc after 5 yrs: **\$10K** ; 1/2 of unit in 10yrs: **\$40K**

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### RECURRING COSTS (\$26.5K/yr total)

<u>fuel</u>	16hr/wk @ 15gal/hr = \$240 or <b>\$12.5 K/yr</b>
<u>operator</u>	16hr/wk @ \$15hr = \$240/wk or <b>\$12.5 K/yr</b>
<u>earth work</u>	<b>\$0.5 K/yr</b>
<u>maintenance</u>	<b>\$1 K/yr</b>

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### CLOSING COSTS (\$10K total)

**\$10K** at end of 10 years for building removal & site restoration

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### FINAL PRODUCTS

<u>pollution</u>	most likely inert; <b>but</b> depends on operation, maintenance & contents of waste
	<u>gasses</u> possible dioxin/furan output; will probably require monitoring; could require stack scrubber
	<u>ash</u> probably disposable in our landfill
<u>volume</u>	5800cu.yd./decade reduced 90% to a 10yr total of 580cu.yd. Ash pit final size @ 10yrs = 72x72x6ft.
<u>nuisance</u>	some warmup smoke; low smell, noise
<i>perceptions</i>	large potential for perceived problems; no certainty of complete incineration

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### FLEXABILITY

least flexible; forccloses options for recycling or "mining" of the final product later on

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### SITE CONDITIONS

<u>ongoing</u>	what you see now + 24x30 building, chimney & emissions (mostly steam) during operation
<u>at closure</u>	original surface, revegetated; open for many uses of surface so long as subsurface remains undisturbed

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