

Comparison Chart for Determining Suitable Disposal/Treatment Options

		Burial	Open Air Burning	Air-curtain Incineration	Gasification	Mobile Rendering	Mobile Alkaline Hydrolysis	Microwave Sterilization
Minimize Spread of Pathogen								
	limit movement of material	1	0.5	1	1	1	1	1
	limit handling	1	0	1	1	1	1	1
	inactivate pathogen	0	0.5	1	1	1	1	1
Protect Environment								
	prevent releases to air, water, soil	0	0	0	1	0.5	0.5	1
	maximize reuse of product	0	0	0	0	1	0	1
Public/Regulatory Acceptance								
	permit approval	?	?	?	1	?	?	1
	public acceptance	?	0	0	1	1	1	1
Cost Effective								
	minimize inputs	1	0	0	1	0.5	0	?
	minimize waste outputs	0	0	0	1	1	0	1
	maximize efficiency	1	0	0.5	1	?	0	?
Logistics								
	easy to implement	1	0	0	0.5	1	0	1
	no specialized operators	0.5	1	0.5	0.5	0	0	0
	no specialized equipment	1	1	0	0	0	0	0
Cumulative Score		6.5	3.0	4	10	8	4.5	9

Scores will change depending on the number of questions answered and values inserted. The higher the cumulative score the more favorable the disposal/treatment option.

Score values

1 = Yes

0.5 = Partially

0 = No

Question marks are not factored into scores

