

Site Selection

Better Composting School



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Compost Site Selection



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Site Requirements

- Available
- Legal
- Environmentally friendly (responsible)
- Accessible
- Large enough (growth?)
- Consistent with goals/culture (you /operator/neighbors)
- Appropriate

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Available

- Ownership?
- Purchase price
- Taxes etc

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Legal

- Zoning
- Environmental regulations
- Set backs
- Flood plain
- Watershed
- Permits – construction/operating
- Bonding

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Environmentally friendly (responsible)

- Protect surface water quality
- Protect ground water quality
- Protect air quality – odors, gases, dust
- Wildlife/domestic animals
- Pests – birds, vermin, insects...

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Neighbor friendly (related to environmentally friendly)

- Esthetics – viewscape
- Odors, dust, noise
- Access traffic
- Attractive nuisance – children/pets



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Worker safe and friendly

- Comfort facilities
- Maintained equipment
- Proper equipment
- Clean and neat



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Accessibility

- Roads
- Distance – supply/markets
- Utilities
- Fire protection



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Size (growth)

- Active working surface (compost pad)
- Working area – loading , mixing etc
- Curing area
- Ingredient storage
- Travel lanes
- Processing – mix, grind, screen..
- Support – comfort facilities, office, scales



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Consistent with goals/culture

- You
- Your company/business
- Will the site allow you to practice all the necessary and desirable procedures you learned at this school?
- “We will be a good neighbor”



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A Thought

With enough money/clout you can
make anything happen!

Do you want to?



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Appropriate

- Does it belong there (here)?
- Should we do it?
- Is it the neighborly thing to do?



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What do you see?



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What else do you see?



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See some more?



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This direction?



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Still looking around



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Clean water?



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Finished product?



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My list

- View
- Windrows
- Working surface
- Visitors
- Leachate collection/storage
- Storage/working shed
- Hillside/off site water
- House
- Further processing
- Neat
- Drainage
- Ingredient storage
- Delivery
- Buck wall
- Covers
- Screen hedge/flowers
- Finished product delivery
- Stuff
- View



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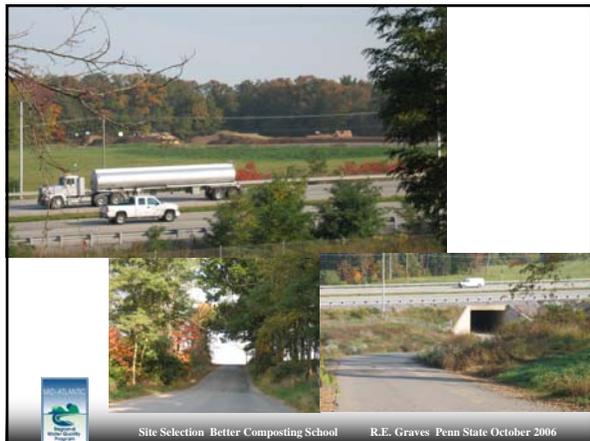
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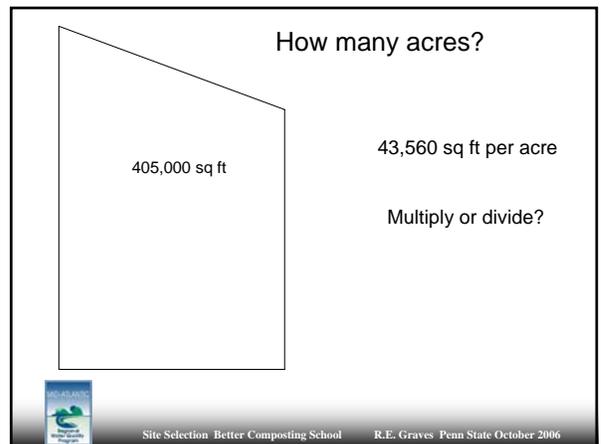
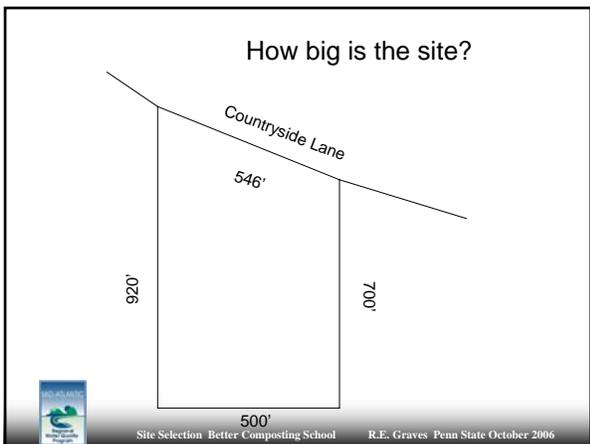
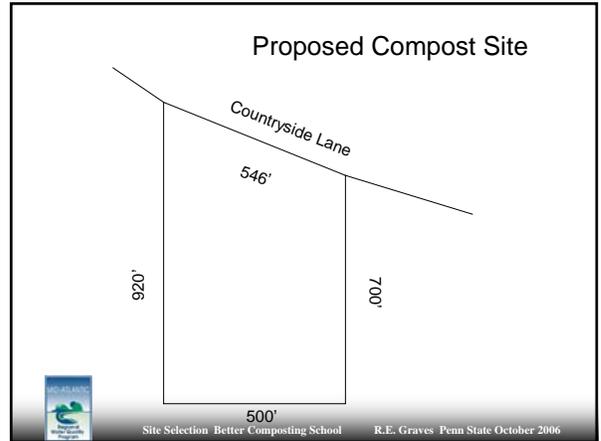
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Calculate area required for a 100' setback

720'
300'
500'

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Calculate total runoff from a 2 acre compost pad if 39" annual precipitation

2 acre compost pad

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You plan to cover the 2 acre compost pad with 8" of gravel.

The gravel weighs 100 pounds per cu ft

How many tons of gravel will be required?

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