SEDALIA COMPOST FACILITY

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CAT

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ECS
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AERATION PANEL
REMOTE NODE
INFLATION
ECS

Biosolids Storage
Mixer
Woodchip Storage
Screen
Composting Pad
Exhaust
Ductwork

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2

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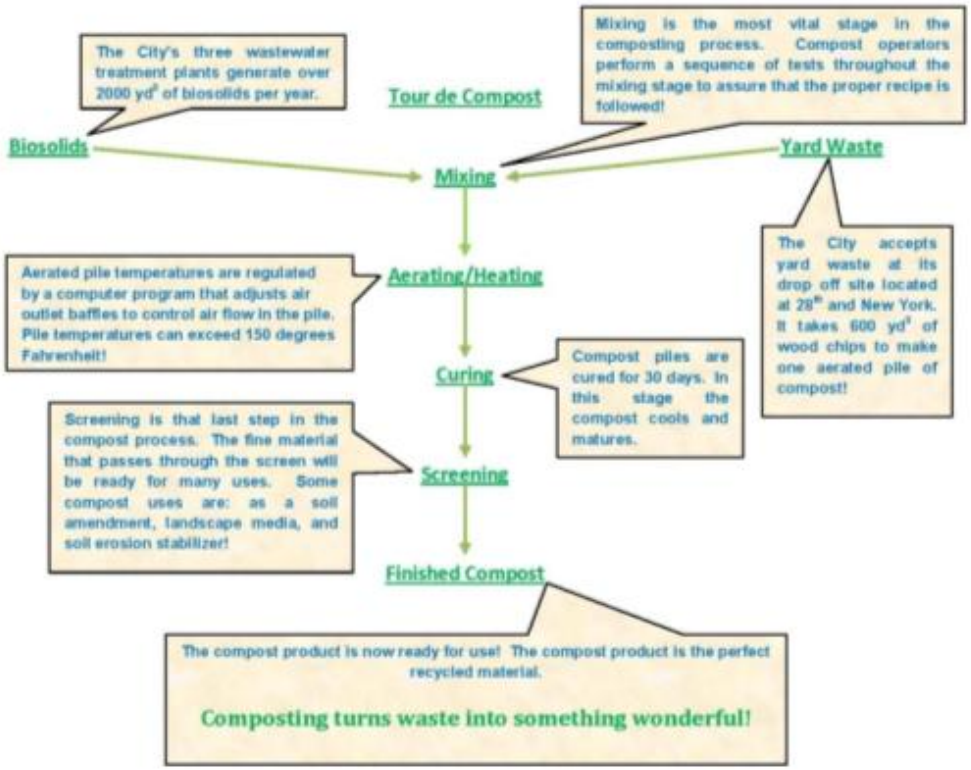
CAT
924G

CAT

Compost Facility Fact Sheet

What Is Compost? Compost is organic material that can be used as a soil amendment or as a medium to grow plants. Mature compost is a stable material that is dark brown or black and has a soil-like, earthy smell. It is created by combining organic waste (e.g. Biosolids) and bulking agents (e.g. wood chips). Once a proper ratio of the feed products is established the mixed product is processed in an aerated pile for two cycles of 15 days each. The aeration process accelerates the breakdown of the organic material and destroys harmful pathogens. After another 30 days in a cure pile, the compost product is screened and ready for use.

Why Compost? The City of Sedalia chose the composting process because it recycles the material received at the yard waste drop site and the Biosolids material generated at the City's wastewater treatment plants into a product that has a variety of uses. The compost product can be used to stabilize soil erosion, amend soils to make them more productive, landscaping, gardening, etc... It also saved the City millions of dollars in wastewater treatment plant upgrade costs.