

Birmingham Land Application Tree Nursery

Goal:

Through the Climate Protection Plan (CPP) adopted by the city of Kansas City, Mo., a goal was set to plant 120,000 new trees in city owned and maintained right-of-ways over a 12 year period.

Project Description:

In 2006, Kansas City, Mo. endorsed a citywide Phase I Climate Protection Plan. In 2008, the City Council adopted a Phase II Climate Protection Plan. Both have a goal of reducing greenhouse gas emissions and improving air and water quality.

Forty available acres have been identified for establishment of a tree nursery at the Birmingham Land Application Facility. Phase I of the project will involve planting 675 trees in the fall of 2008, with subsequent plantings each spring and fall thereafter. Treated biosolids from the facility will be used to fertilize the trees.



Crews begin planing trees at the Birmingham site

Community Benefits and Lessons Learned:

Planting trees at the Birmingham Land Application Facility will realize many environmental and financial objectives of the city. The need for additional trees, and their financial benefits, in Kansas City has been documented and benefits are in the forms of storm water mitigation, carbon sequestration, reduced hard-surface maintenance costs, air quality improvements, reduction of heat-islands and ground level ozone, increased property values, and energy savings to businesses and homeowners.



Additional benefits will be realized in the form of recycling of wood debris generated by Forestry Operations tree trimming crews, and in reduced disposal of treated biosolids from the Birmingham Land Application Facility.

Funding Sources and Partnerships:

Kansas City, Mo.
Forest ReLeaf of Missouri
Heartland Tree Alliance

Contact:

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