

ABSTRACT

Creative Project: A Redevelopment Strategy for the Celotex Superfund Site:
Remediation Technology Selection and Park Design

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The Celotex Superfund Site has a long history of manufacturing, storing, and distributing asphalt roofing products which have contaminated the soil. If left undeveloped, this site can have further negative impacts and can cause harm to human health and environment, can contribute to the neighborhood crime rate, encourage illegal dumping, reduce surrounding property values, and limit economic development of the area.

The purpose of this creative project was to develop a master plan for a community park based on a chosen remediation technology for the Celotex Superfund Site. Bioremediation technologies were explored as a possible solution to remove and/or destroy the contaminants found on the site. The final product for this 24-acre site involves a detailed master plan for a park, which would serve the recreational needs of the community. Park design is based on the best solution for the site, which is a physical containment of contaminants via capping of the site.