

Kansas Department of Health and Environment

Bureau of Environmental Remediation, Remedial Section

Brownfields Redevelopment Program



Joint Effort Facilitates Redevelopment of Brownfields Property

Background:

In March 2004, WaterOne (the Johnson County Water District) applied to have the Kansas Department of Health and Environment conduct a Brownfields Targeted Assessment (BTA) located at 91st & Marshall in Lenexa, Kansas. KDHE conducted the BTA to evaluate potential soil and ground water impacts associated with historical land use and alleviate any uncertainties associated with environmental contamination prior to redevelopment. The property had been the location a water tower that had recently been demolished. The water district was concerned that sand blasting of the water tower had left lead impacts in surficial soil at the property.

Assessment Findings:

Based on results from the BTA, exposure risk associated with the subject property appeared to be limited. Soil impacts above residential cleanup standards were highly localized and contaminant migration was not apparent. KDHE referred the project to KDHE's Voluntary Cleanup and Property Redevelopment Program (VCPRP) for cleanup of the property.



Prior to Remedial Action



Excavation Activities

Cleanup Activities:

On April 6, 2005 an excavation of the impacted soil was initiated. Lead contaminated soil was excavated to a depth of 18 inches to 24 inches. Approximately 160 cubic yards of lead impacted soil was removed from the site. Residential redevelopment is planned for this area.

Financial Assistance:

KDHE Assistance: Assessment	~\$15,000
Cleanup	~\$27,000
WaterOne match: Concrete Removal	~\$9,000



Lead Concerns Have Been Addressed