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 (Johnson County Water District) applied to have KDHE conduct a Brownfields Targeted Assessment (BTA) at a property located at 70th and Flint in Shawnee, 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 of a water tower for the water district 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 risks associated with the subject property appeared to be limited. Lead contaminated soil at concentrations above residential Risk based cleanup standards were present on the property, however contaminant migration was not apparent. KDHE recommended the property be referred to KDHE's Voluntary Cleanup and Property Redevelopment Program (VCPRP) for cleanup of the property.

Property Prior to Remedial Actions

Excavation of Lead Impacted Soil

Cleanup Activities:
On April 6, 2005 an excavation of the impacted soil was initiated. Lead contaminated soil was excavated to a depth of 18 to 24 inches. Approximately 140 cubic yards of lead impacted soil was removed from the site. Residential redevelopment or park development is planned for this area.

Financial Assistance:

KDHE Assistance:	Assessment	~$15,000
	Cleanup	~$30,000
WaterOne match: Concrete Removal		~$9,000

Lead Concerns Have Been Addressed

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