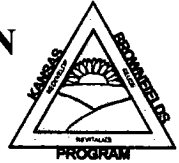




**KANSAS BROWNFIELDS ASSESSMENT DECISION**  
**Kansas Department of Health and Environment**  
**Bureau of Environmental Remediation**



**SITE NAME:** Cornerstone Fellowship Church BTA  
**ADDRESS:** 310-314 S. 9th Street  
**CITY /COUNTY:** Mound City, Linn County  
**REFER TO REPORT DATED:** September 21, 2011  
**REPORT TYPE:** Phase II Brownfields Targeted Assessment (BTA)  
**REPORT DEVELOPED BY:** Terracon

**BER SCANNED**  
**OCT 14 2011**

**DECISION DISCUSSION AND RATIONALE**

The Kansas Department of Health and Environment (KDHE) conducted a Phase II Brownfields Targeted Assessment (BTA) at 310 through 314 South Ninth Street in Mound City, Linn County, Kansas. The BTA was conducted for the Cornerstone Fellowship Church (not for profit) to suffice the due diligence requirements of a property transaction. The property has historically been used as a former filling station and the lending institution is requiring a Phase I.

Based on the Phase I report, "Recognized Environmental Conditions" (RECs) were identified as potential petroleum and hazardous substances associated with a former filling station, former auto garage, former fertilizer storage, and sewer drain. Due to the identified RECs, a Phase II assessment was conducted on the property. The Phase II consisted of collecting soil and/or groundwater samples from seven (7) locations on the property. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH) gasoline range organics (GRO), TPH diesel range organics (DRO), and RCRA metals. Based on the analytical data, a release of petroleum hydrocarbons has occurred on the property from the historical gas station on the southeast corner of the property. Various petroleum constituents were detected in the soil and groundwater samples at concentrations exceeding Kansas Risk Based Standards (RSKs). In particular, benzene was detected in the groundwater at location SP-6 at a concentration of 4.1 mg/l (4,100 µg/l).

In conclusion, a release of petroleum hydrocarbons has occurred on the property from historic operations as a service station. The Brownfields Program recommends that the site be referred to the KDHE Storage Tank Trust Fund for further assessment and/or cleanup.

**BROWNFIELDS ASSESSMENT DECISION CONCURRENCE**

  
 Rick L. Bean  
 Remedial Section Chief

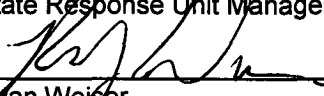
Date

10/11/11

  
 Doug Doukrek  
 State Response Unit Manager

Date

10/11/11

  
 Ryan Weiser  
 Brownfields Coordinator

Date

10/11/11

*The conclusions and recommendations provided herein are based exclusively on the conditions identified through the Brownfields Assessment. Future contaminant releases on the subject property and/or future discovery of additional environmental impacts may warrant subsequent response not discussed in the BTA report or this document.*