

Wichita Well Sample Library

June 30, 2009

D. Garrett Nordstrom
Governmental Assistance Services
905 Joseph Drive
Lawrence, Kansas 66049

RE: Environmental Review – City of Troy, Kansas – Water System Improvements

Dear Mr. Nordstrom:

On June 10, 2009, the Kansas Geological Survey (KGS) received a written request, dated June 9, 2009, from Governmental Assistance Services (GAS) on behalf of the City of Troy, Kansas, for a governmental agency review of the above referenced project. The project is located, within the city limits of Troy, Kansas, in the North half of the South half of Section 17, Township 03 South, Range 21 East, Doniphan County. The proposed project consists of replacing an existing eight inch diameter cast iron waterline with 3,475 linear feet of eight inch diameter PVC waterline along Locust Street between Park Street and 4th Street.

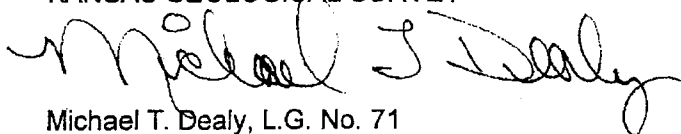
A review of geologic, hydrologic, and soils databases and the GSA request letter indicates certain situations that may affect environmental conditions or the feasibility of the project:

1. USDA Web Soil Surveys rate the project soil as having moderate risk for soil shrink-swell potential, somewhat limited use for shallow excavations and a moderate susceptibility to sheet and rill erosion by water.
2. The project is near an unnamed tributary of Mosquito Creek and may be subject to the National Pollutant Discharge Elimination System permit requirements which protect the waters of the State from sediment and other contaminants.

The review indicates the project will have nominal impact on the regional geologic or hydrologic conditions, subject to further characterization, testing, or design of the identified situations and in accordance with local, state and federal requirements, prior to construction. An agency environmental comments form was not included with the request. This letter serves as the review and transmittal form.

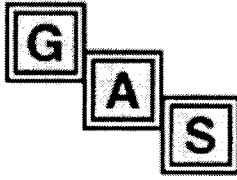
The assessment was based on the regional geologic and hydrologic conditions and project information available to the KGS at the time of the review and should not be used for a detailed site characterization. Other geologic, hydrologic, or project conditions, not discussed herein, or for which the KGS has no knowledge, may affect environmental conditions or the feasibility of the project. It is the responsibility of the City to provide any necessary characterization, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely
KANSAS GEOLOGICAL SURVEY



Michael T. Dealy, L.G. No. 71
Manager Wichita Operations

Pc: Dan Suchy, Kansas Geological Survey



Governmental Assistance Services

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Lawrence, Kansas 66049

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June 9, 2009

Kansas Geological Survey
Debbie Douglass
1930 Constant Ave.
Lawrence, KS 66047-3726

RE: Environmental Review- City of Troy, KS- Water System Improvements

The City of Troy, KS is preparing a Community Development Block Grant application for water system improvements within the city limits of Troy or Section 17, Township 3 south, Range 21 east of Doniphan County, KS. The application will be submitted to the Kansas Department of Commerce. The project will consist of replacing an existing 8" cast iron waterline with 8" PVC. The project will replace approximately 3,475 LF of waterline from Park St. to 4th St. A total cost has been estimated to be approximately \$500,000. Please find the link to Google Maps for a detailed map of Troy, KS. Preliminary design plans are being drafted but the City is preparing the required environmental assessment in advance so as to take advantage of the American Recovery and Reinvestment Act funds now available at the State level.

The City is requesting comments from your office concerning the environmental impact of this project. Comments submitted from your office will become public record and be included as part of the Housing and Urban Development's Environmental Assessment. Please return comments to D. Garrett Nordstrom c/o Governmental Assistance Services, 905 Joseph Dr. Lawrence, KS 66049 or by email.

Thank you,

D. Garrett Nordstrom