

February 10, 2009

Ms. Corina Cox, Economic Development Coordinator
Northwest Kansas Planning and Development Commission
Box 248
Hill City, KS 67642-0248

Dear Ms. Cox,

I have reviewed the proposed project to make repairs and replacements to existing water lines in Glade, Kansas.

Based on the documents attached to your request, it does not appear that there are any potential geologic hazards worth noting that might impact this project.

The above discussion represents our best assessment based on the information that the Kansas Geological Survey has about this locality and/or proposed project at the time of this writing. Other geologic conditions, not discussed herein, or for which the Kansas Geological Survey has no knowledge, may affect the viability or safe operation of this facility or property. The information provided in this letter is from regional or countywide studies and should not be used as a substitute for detailed site characterization by a licensed geologist or engineer. It is the responsibility of the applicant to provide any required site characterizations.

If you have questions please do not hesitate to contact me at my office (785 – 864-2068).

Sincerely yours,



P. Allen Macfarlane

**NORTHWEST KANSAS PLANNING AND DEVELOPMENT COMMISSION
ENVIRONMENTAL ASSESSMENT REVIEW**

REQUEST FOR ACTION ON GRANT REVIEW

DATE: February 4, 2009

Agency Name:

Kansas Geological Survey
University of Kansas
1930 Constant Avenue – Campus West
Lawrence KS 66047-3726

Impact Categories:

Environmental Resources

Applicant's Name and Address:

City of Glade
City Hall
Glade, KS 67639

Project Title:

Water Distribution System Improvements

Project Number:

CDBG #09-PF-733

Return No Later Than:

March 4, 2009

Return To:

Corina Cox
Economic Development Coordinator
Northwest Kansas Planning & Development Commission
P.O. Box 248
Hill City, KS 67642

Northwest Kansas Planning and Development Commission have submitted the enclosed proposal for an Environmental Assessment Review. Your review of this proposal as it affects regional or local interest will be appreciated. Your appropriate comments concerning the proposal should be submitted to Northwest Kansas Planning and Development Commission no later than the date specified above.

Comments filed on a proposal may include: (1) The extent to which the project is consistent with or contributes to the fulfillment of your agency planning within the state, region or locality; (2) How the proposal relates to state, regional or local objectives; and (3) The effect of the proposal on your agency's activities.

_____ No Impact Anticipated

☒ Potentially Beneficial

_____ Potentially Adverse—
Requires Documentation Only

_____ Requires Project Modification

_____ Potentially Adverse—
Requires More Study

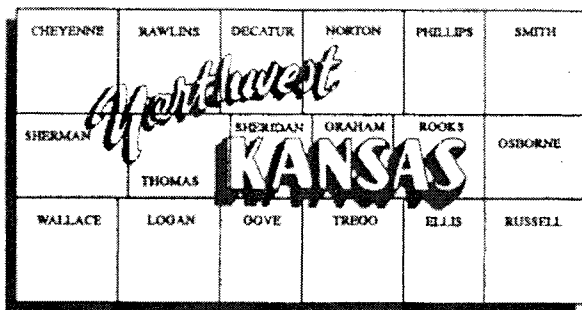
_____ Needs Mitigation

COMMENTS:

see attached letter

Allen Mayan
Reviewer's Signature and Title

Assistant
Scientist



**NORTHWEST KANSAS
PLANNING and DEVELOPMENT
COMMISSION**
319 N. Pomeroy
Box 248
Hill City, Kansas 67642-0248
(785) 421-2151 Fax (785) 421-3496

Kansas Geological Survey
University of Kansas
1930 Constant Avenue – Campus West
Lawrence KS 66047-3726

Al Macfarlane

February 4, 2009

RE: City of Glade
CDBG #09-PF-733

Dear Sirs,

The City of Glade was recently awarded a 2009 Community Development Block Grant (CDBG) from the Kansas Department of Commerce (KDOC) and has secured loan and grant funds from USDA Rural Development as well as a grant from the Morgan Foundation for water distribution system improvements. The project involves the replacement of all transite water mains within the city limits of Glade Kansas, with the installation of 4" PVC mains, necessary gate valves, fire hydrants, and service connections.

Our office is conducting an environmental assessment of the above referenced project and request your agency review the project and its potential environmental impact. Your agency may have responded to a previous environmental assessment of this project several years ago, however responses are only valid for 12 months. Enclosed is a copy of the scope of work, and project location maps for your reference.

An Environmental Assessment Review form is attached for your convenience. The form indicates specific impact categories you are to consider depending upon your agency's jurisdiction. **Please note the project cannot proceed until your review form is received by our office regardless of your response!** Our office must have documentation in the Environmental Review Record from your agency whether it is in letter form or on the attached review form even if your office does not feel the proposed project will have an impact on the human and natural environment. Please elaborate in the comments section why you indicated the specific response.

Your prompt consideration of this request will be greatly appreciated. Please return the review form to my attention by March 4, 2009, as indicated on the Environmental Assessment Review form. Should you have any questions or need additional information, please email my office at nwkpdc@ruraltel.net or contact me at (785) 421-2151 at your earliest convenience.

Sincerely,

Corina Cox
Economic Development Coordinator

Enclosures

cc: City of Glade (File: Environmental Review)

b. Scope of Work

The scope of work for this project involves the replacement of all transite water lines in the existing water distribution system. The existing lines will be abandoned. The new lines will be 4" PVC SDR 21 – Class 200 pipe (15,990 linear feet). The project includes the installation of 200 linear feet of 8" Continuous Highway Bore (Certa-Lok), removal and replacement of eleven existing fire/flushing hydrant assemblies, removal and relocation of two fire hydrant assemblies, installation of air release valves with markers (5), installation of 4" gate valves (26), 4" 90 degree bends (8), 4" plugs w/friction blocks (9), 4" tees w/friction block (15) and 4" cross w/friction block (1). Concrete encasement is included (200 linear feet), as well as water service connections with corporation stops (49), HDPE service line (3,795 linear feet), tracer wire (15,990 linear feet), removal and replacement of surfacing, and connection of new lines to the existing 4" transmission line located from the standpipe to the well. The project budget includes mobilization, clearing & grubbing, construction staking, seeding and cleanup. Any materials associated with the asbestos-cement lines that are removed as part of construction will be treated as hazardous materials and disposed of safely.

The estimated total cost of this project is \$549,689.00. Engineering design and construction inspection will be performed by BG Consultants, and will be paid using Rural Development loan/grant funds. Rural Development loan/grant funds will also be used to pay for a portion of water distribution system improvements and 100% of legal costs. \$25,000 of grant funds from the Morgan Foundation will be used towards waterline construction. CDBG funds will be used to pay for a portion of water distribution system improvements (40.17%) and 100% of CDBG administration costs. The CDBG cost per person benefiting is \$2,000. This project can be completed and closed out in 20 months.

Davis-Bacon wage rates will be used during any and all construction phases of this project. In addition, all equal opportunity provisions will be adhered to when procuring the general contractor for this project.

Glade, Kansas

2005 thru 2008 Major Waterline Breaks

Waterline Improvements

September - 2008

05-162M



Glade, Kansas

Waterline Improvements

Contour Map

05-162M

