

November 26, 2007

Michael E. Kramer, P.E.
Kramer Engineering PA
2348 SW. Topeka Blvd.
Topeka, KS 66611

Dear Mr. Kramer,

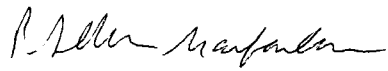
I have reviewed the proposed project to make improvements to the existing water supply system for the City of Lane.

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

INTERGOVERNMENTAL REVIEW TRANSMITTAL FORM

Comments By: Kansas Geological Survey Transmittal Date October 15, 2007

Project Title: Water System Improvements, City of Lane, Kansas

Contact Person: Michael E. Kramer, P.E., Project Engineer

Return To: KRAMER ENGINEERING, P.A.
2348 SW Topeka Blvd.
Topeka, Kansas 66611-1286

This form provides notification and the opportunity for your agency to review and comment on the proposed project as required by Executed Order 12372. Please complete Parts I and II as appropriate. Your response by November 15, 2007 will be appreciated.

PART I - AGENCY REVIEW COMMENTS:

See attached

PART II - RECOMMENDED ACTION COMMENTS:



Clearance of the project should be granted.



Clearance of the project should not be granted.



Clearance of the project should be delayed until the issues or questions have been clarified.



Clearance of the project should not be delayed, but the Applicant should (in final design and/or permit application) address and clarify the questions or concerns indicated above.



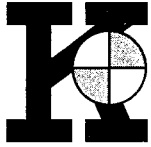
Request the opportunity to review final application prior to submission to the federal funding agency.



Request the State Process Recommendation in concurrence with above comments.

Reviewer's Name: P. Allen MacFarlane

Date: 11/26/07



KRAMER ENGINEERING, P. A.

CONSULTING ENGINEERS • SURVEYORS

2348 SW TOPEKA BLVD • TOPEKA, KANSAS 66611 • 785-234-6600 • FAX 785-234-6611

October 15, 2007

Re: Water System Improvements
City of Lane, Kansas
Kansas Public Water Supply Loan Fund
KPWSLF Project No. 2407

Dear Addressee:

Enclosed for your comments are Intergovernmental Review Forms for the referenced project with attached project description and site location map. Please complete the transmittal form and return it to our office by November 15, 2007.

The City of Lane, Kansas has received a loan from the Kansas Department of Health and Environment, Kansas Water Supply Loan Fund for the referenced project. The City intends to construct a new raw water supply line and treatment plant for the existing well water. This project will comply with appropriate state laws concerning the application.

If you have any questions about the review or the project, please contact me at 785-234-6600.

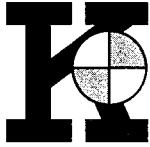
Sincerely,

KRAMER ENGINEERING, P.A.

Michael E. Kramer, P.E.
President

MEK/cs

Enclosures



KRAMER ENGINEERING, P. A.

CONSULTING ENGINEERS • SURVEYORS

2348 SW TOPEKA BLVD • TOPEKA, KANSAS 66611 • 785-234-6600 • FAX 785-234-6611

WATER SYSTEM IMPROVEMENTS CITY OF LANE, KANSAS

KANSAS PUBLIC WATER SUPPLY LOAN FUND PROJECT NO. 2407

October 15, 2007

The City of Lane, Kansas, (City) serves an area of approximately 15 square miles in Franklin County located southeast of Ottawa. The City presently serves about 126 users with an estimated 300 persons directly served by the distribution system. The population of the City is projected to steadily grow over the next 20 years.

The existing water system consists of a single ground water well, chlorination building, distribution system, and elevated water tower. The untreated water is withdrawn from the well and chlorinated at the chlorination building across the road from the well as shown on the attached Site Location Map. The chlorinated water is stored in the elevated storage tank near the city park and is distributed to the customers through the water distribution system.

Improvements to the existing water system are being made so the City can comply with KDHE and EPA drinking water regulations for groundwater supplies under the influence of surface water (GWUI). In 2004, the City was ordered by KDHE to discontinue use of its existing well supply until it could be properly treated as KDHE has determined that the groundwater supply was under the direct influence of surface water. The City currently uses its backup water supply connection with Franklin County RWD #6, but this connection was for supplemental purposes only and not long term total City water supply.

The City has decided to construct a membrane filtration plant with chlorine contact basin to treat its existing well water supply. The new water plant building will be located on City owned property as shown on the attached maps. A new raw water line will be constructed from the existing chlorination building to the new plant. The raw water line will be located in the existing City right-of-way.



NO SCALE

** New Raw Water Line to be located within the right-of-way of Kansas Avenue.

* New Water Treatment Plant to be located on Lot 9, Block 1, Wasson and Devore Addition to the City of Lane.

OVERALL LAYOUT	
WATER TREATMENT PLANT IMPROVEMENTS CITY OF LANE, KANSAS	
KRAMER ENGINEERING, P.A. TULSA, KANSAS	
DATE: 0403	BY: 25, 2003
SHEET 17	OF 17

EXISTING WELL
(Sec. 33-T18S-R21E)

WATER PLANT
SITE IMPROVEMENTS
(Sec. 34-T18S-R21E)

WATER SYSTEM
IMPROVEMENT
PROJECT
SITE LOCATION
LANE, KANSAS

KRAMER ENGINEERING P.A.
TOPEKA, KANSAS

CITY
LIMITS

P O T T A W A T O M I E

