

February 20, 2009

Michael G. Mathews, Utilities Director
City of Atchison
515 Kansas Avenue
Atchison, Kansas 66002

Re: City of Atchison, Kansas Public Water Supply Loan Fund Project No. 2552

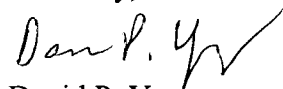
Dear Mr. Mathews,

The Kansas Geological Survey (KGS) has received your February 5, 2009 letter requesting us to review the above referenced project. The project consists of constructing a new high service potable water booster pump station. The current building is located on the north side of the Amelia Earhart Bridge and in the flood plain. The new proposed building will be located slightly southwest of the existing structure and will be elevated well above potential flood water levels.

According to the enclosed FEMA Flood Insurance Rate Map, the proposed location is within a flood zone. Further, according to the USDA Soil Survey of Atchison County, the soils may be prone to flooding. However, per our conversations with Dan Suchy, I understand that the building and equipment will be elevated and protected from potential flood water levels. Other than the initial flooding concern, which has been resolved, a review of regional geologic information and project information provided by you indicates that there are no unduly adverse geologic conditions that should affect this project.

This letter is an assessment based on information about the regional geologic conditions available via the KGS and cannot be used in substitute of a detailed site characterization. Other geologic conditions, not discussed herein, or for which the KGS has no knowledge, may affect the viability of the project. It is the responsibility of the applicant to provide any necessary characterization, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely,


David P. Young,
Hydrologist

Encl

cc: Dan Suchy, KGS Data Resources Library



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

CITY OF
ATCHISON,
KANSAS
ATCHISON COUNTY

COMMUNITY PANEL NUMBER
200010 0001 B

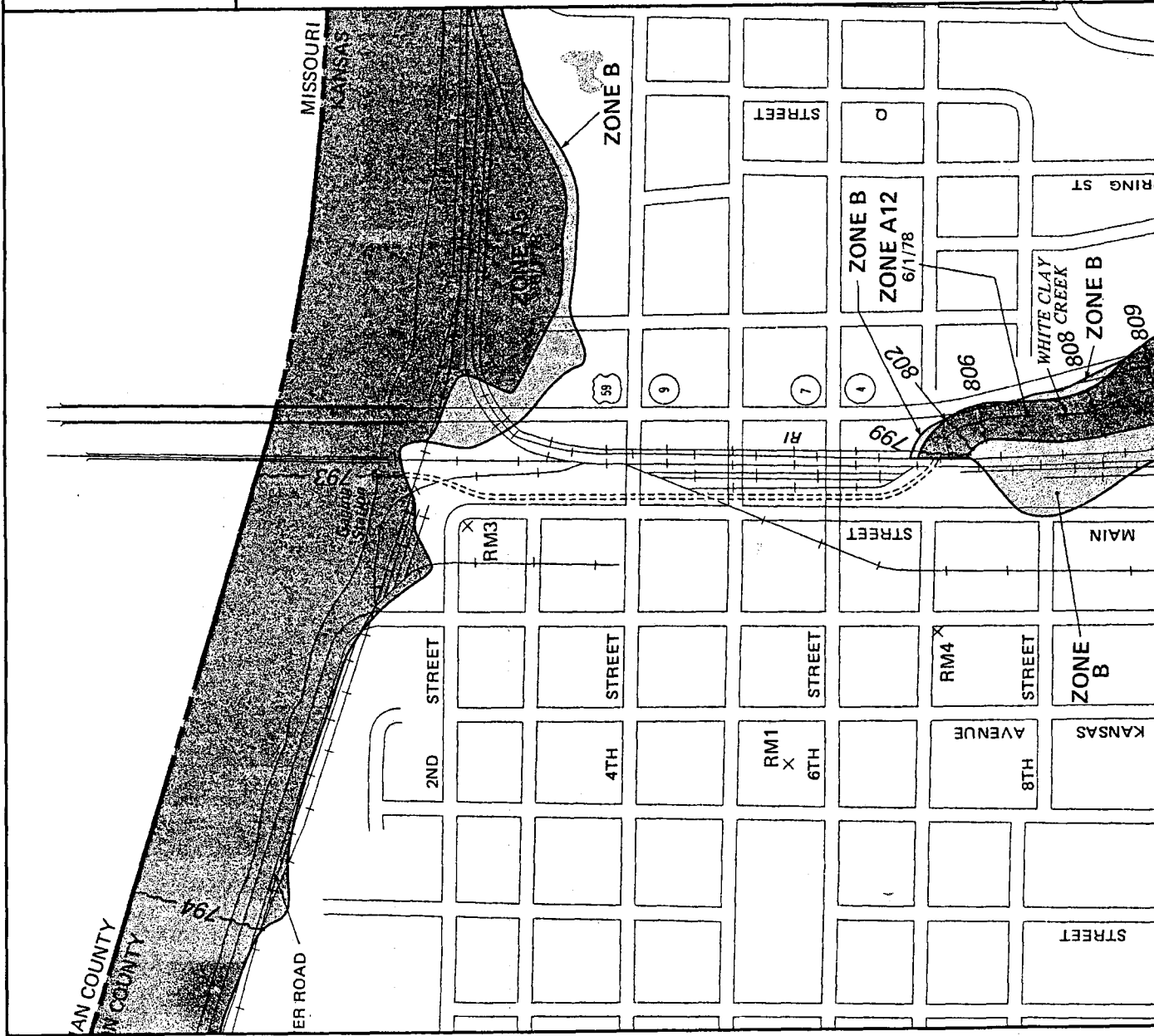
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EFFECTIVE
JUNE 1, 1978



U.S. DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT
FEDERAL INSURANCE ADMINISTRATION

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov





City of Atchison, Kansas

February 5, 2009

Kansas Geological Survey
University of Kansas
1930 Constant Ave. Campus West
Lawrence, KS 66047

Re: City of Atchison, Kansas
Kansas Public Water Supply Loan Fund
Project No. 2552

Dear Sirs,

The City of Atchison is preparing an application to the Kansas Department of Health and Environment for a loan from Kansas Public Water Supply Loan Fund for the referenced project. The proposed project will construct a new high service potable water booster pump station. The project is located in Section 6, Township 6, Range R21E.

The current building is located on the north side of the Amelia Earhart Bridge and in the flood plain. This booster pump station is critical to the delivery of potable water to approximately 95% of Atchison's water customers.

During high water events, two of which occurred last year, the City's ability to maintain a constant water supply to our customers is endangered. Due to the proximity of the building to the river we are forced to man the station constantly and be ready to pull the motors in the event that water reaches what was experienced during the flood of 1993. If this were to happen many of our customers would be without water until the river level receded.

The new proposed building will be located slightly southwest of the existing structure; however, it will be elevated well above potential flood water levels. The project cost is estimated to be \$1,600,000.00.

I have attached an aerial view of the building for your information. We would appreciate your review and written response as soon as possible in order for us to schedule a public hearing and complete the loan application process.

Sincerely,

Michael G. Mathews
Utilities Director
City of Atchison
(913) 367-5500

cc: City of Atchison/Public Works Department

Preserving our past, working for our future

