

July 14, 2008

Doug McKinney, Project Administrator
North Central Regional Planning Commission
109 N. Mill St.
P.O. Box 565
Beloit, Kansas 67420

Re: CDBG for new water tower, Jewell, KS

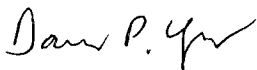
Dear Mr. McKinney,

The Kansas Geological Survey (KGS) has received your letter dated June 20, 2008, requesting us to review the above referenced project. The project involves replacing the water tower and booster station and repairing the water distribution system damaged in a tornado.

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. The project Scope of Work Details indicates that a soil analysis will be used to evaluate the soil conditions after the water tower was uprooted and dismantled by the tornado. Results of the soil analysis should help determine soil load bearing capacity and foundation design of the water tower.

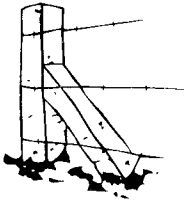
This letter is an assessment based on the regional geologic conditions available at the KGS and cannot be used in substitute of a detailed site characterization. Other geologic conditions, not discussed herein, or for which the KGS has no knowledge, may affect the viability of the project. It is the 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

cc: Dan Suchy, KGS Data Resources Library



North Central Regional Planning Commission

109 N. Mill St., P.O. Box 565 • Beloit, Kansas 67420 • (785) 738-2218

June 20, 2008

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

Re: Environmental Review for new water tower, Jewell, KS.
CDBG Project Number:

To Whom It May Concern:

The City of Jewell, KS anticipates grant funding from the Kansas Department of Commerce Urgent Need Community Development Block Grant to replace the water tower damaged in a tornado, May 29, 2008. The damage to the water tower also damaged the booster pump station and comprised their water distribution system, evidenced by leaks that appeared immediately following the tornado. The new water tower, booster pump station and repairs to the water distribution system will be located on the same site where the previous water tower system once was, and remain the same size as the original.

Enclosed is a project summary and location maps. Your agency comment on this subject is important. Please respond with comments on or before July 14, 2008.

The North Central Regional Planning Commission is serving as Grant Administrator for this project. If you have any questions, please contact either Doug McKinney or Sara Crangle by phone at (785)738-2218 or by email at dmckinney@nckcn.com or scrangle@nckcn.com. Thank you for your attention to this matter.

Sincerely,

Doug McKinney
Project Administrator

Enc

Copy to: City of Jewell, KS

City of Jewell, Replacement Water Tower Project

CDBG Grantee: City of Jewell

Project Number: *Anticipated

Comment Period: June 20, 2008 to July 14, 2008

Project Type: Reconstruction of local water tower

Project Location: Jewell, KS

Estimated Project Cost:	\$320,300	CDBG
	<u>\$294,000</u>	Local Funds
	\$614,300	Total

Lead Agencies: City Of Jewell, Jewell County
308 Delaware
Jewell, KS 66949

Official Project Representatives: City of Jewell
Bill Loomis, Mayor
308 Delaware
Jewell, KS 66949
(785) 428-3630

Project Information: North Central Regional Planning Commission, Project Administrators
Doug McKinney or Sara Crangle
(785)738-2218
dmckinney@nckcn.com or scrangle@nckcn.com

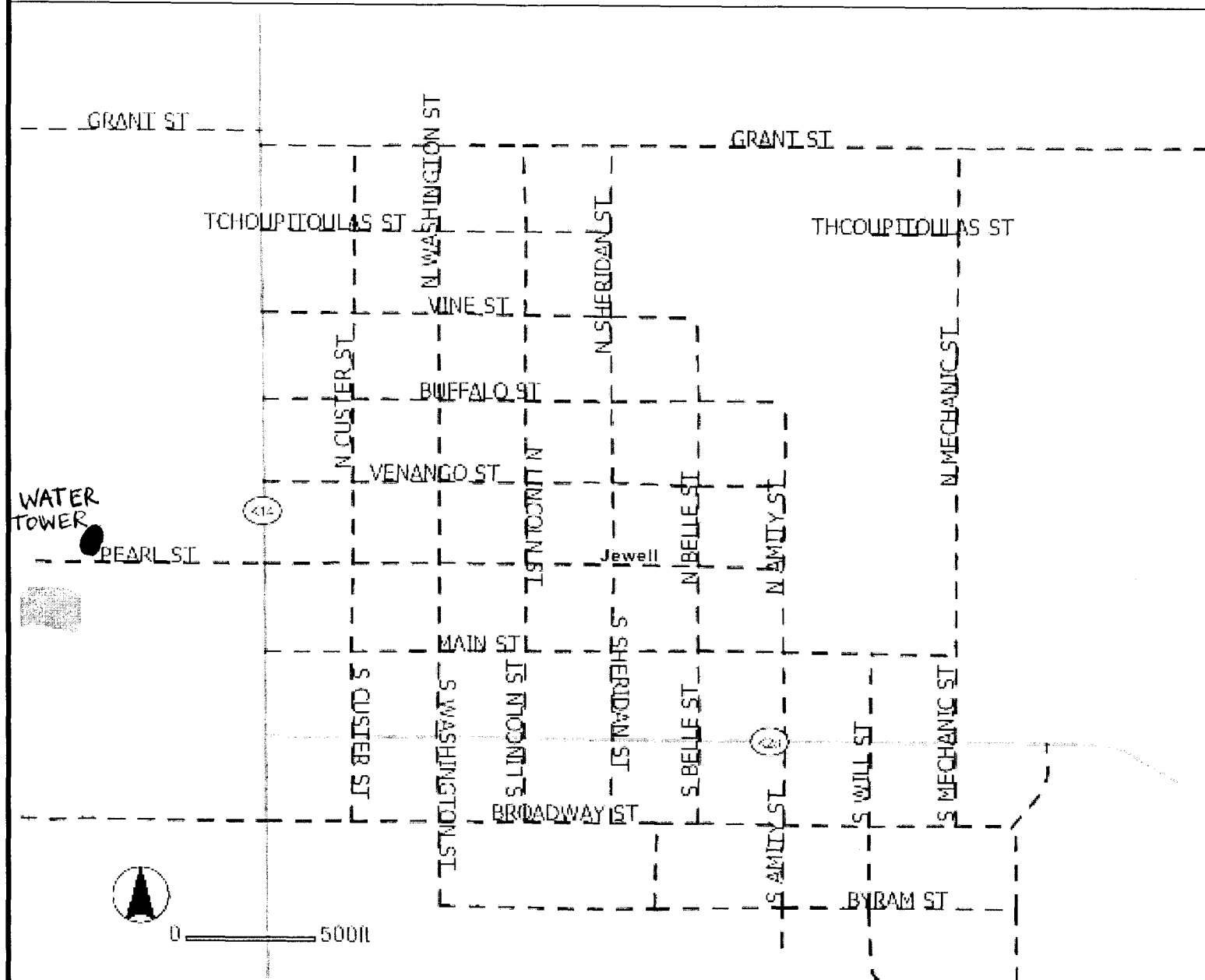
Scope of Work Details: The city of Jewell, located in the center of Jewell County and of the Jewell Township, applied for an Urgent Need Community Development Block Grant following local destruction caused by a tornado on May 29, 2008. Though a number of homes and businesses received significant damage from this event, the highest priority for the city is to replace the water tower, and its greater system, that the storm left useless. For Jewell to have a functioning water tower and water system, it must replace the water tower, the booster pump station, and leaks found in the water distribution system that began after the damage to the tower and pump station. The new water tower system construction site will be the same location of the previous and be of the same capacity.

There will be a soil analysis conducted to recognize any changes to the soil structure following the trauma that was the water tower uprooted and dismantled. To ensure the longevity of the new water tower, Jewell will purchase a new water tower, accompanied by structural and paint warranties. While this process is underway, the city will also mend the leaks attributed to the storm's disturbance of the water system overall, making certain the new water tower and system operate without compromise.

Anticipated project timeline:
November 2008 – Begin construction
April 2009 – Complete project

Completion of this project will supply the citizens of Jewell with a reliable water supply, ensuring their health and safety.

Water Tower Location for Jewell, KS



- Legend**
- County Boundaries
 - Cities and Towns
 - Highways
 - Interstate
 - US Highway
 - KS Highway
 - Roads
 - Water Bodies
 - WATER TOWER

06/18/2008

JEWELL TORNADO DAMAGED WATER SYSTEM, 5/29/08
WATER TOWER VIEW TO EAST



VIEW TO WEST OF CHLORINATION PUMP STATION & CITY SHOP

**JEWELL TORNADO DAMAGED WATER SYSTEM, 5/29/08
JUST NORTH & EAST OF TOWER SITE**



WATER TOWER AFTER TORNADO 5/31/08