

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
phone 785-864-3965
fax 785-864-5317

Proposed Project for Application to USDA Rural Development for Assistance

Applicant: Rural Water District No. 1, Morris County, Kansas
Water Supply System Improvements

Contact Person: Susan E. Soelter
Address: Bartlett & West Engineers, Inc.
1200 SW Executive Drive
Topeka, KS 66615-3850

Sent to the Kansas Geological Survey for environmental review.

Agency Review Comments:

The map of the project shows that the water transmission pipelines will cross some streambeds. The location of the pipeline is in an area of alternating layers of shale and limestone bedrock. There may not be substantial thicknesses of stream sediment above the bedrock in some of the small stream valleys to allow very deep burial (directional boring through alluvial sediments and colluvium) of the pipeline under the streambed to protect against stormflows in the streams. Assuming that the pipeline can be protected satisfactorily from stress from stormflows along the streambed crossings, the long-term benefits of the improvements to the water-supply system should offset any short-term adverse environmental impacts during construction.

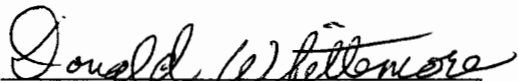
Recommended Action:

- ☒ Clearance of project should be granted
- ☐ Clearance of project should not be granted
- ☐ Clearance of project should be delayed until the issues or questions have been clarified
- ☐ Clearance of project should not be delayed, but the applicant (in the application) should address or clarify the questions or concerns indicated above

Donald Whittemore
Reviewer's Name

Geohydrology Section, Kansas Geological Survey
Division/Agency

12/27/06
Date


Reviewer's Signature

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 county-wide 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.

BARTLETT & WEST
ENGINEERS
SERVICE. THE BARTLETT & WEST WAY.

November 1, 2006

Donald Whittemore
Kansas Geological Survey
1930 Constant Avenue
Campus West
Lawrence, KS 66047-3726

Re: Morris County Rural Water District No. 1
Water System Improvements
Project No. 5025.101

Rural Water District No. 1, Morris County, Kansas is applying to Rural Development, USDA, to construct approximately thirty miles of transmission pipeline and a 12'x115' standpipe in S16-T15-R9E as shown on the enclosed project map. The proposed pipeline is needed to serve approximately 66 additional users northeast of Council Grove, Kansas due to a lack of quantity and poor quality of existing groundwater supplies within the proposed project area. Throughout construction, trenches will be restored and waterways will be directionally bored.

The enclosed materials are provided to you in accordance with Executive Order 12372, which provides for intergovernmental review of federally funded projects. Please provide written comments to me within 30 days of the date of this letter. If there are no areas of concern or comments, we would appreciate your response to that effect. A project review form is enclosed for your use.

This project will comply with all state laws concerning this type of project.

Funds will not be obligated for this project until after the 30 days have expired and an environmental assessment has been completed.

Sincerely,

Susan E. Soelter
Sc

Susan E. Soelter
Environmental Coordinator

Enclosures
cc: Brad Lindstrom

1200 SW EXECUTIVE DRIVE ■ TOPEKA KS 66615-3850
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AGENCY REVIEW TRANSMITTAL FORM

Comments By: Kansas Geological Survey Transmittal Date November 1, 2006

Project Title: Morris County RWD No. 1 – Water System Improvements

Contact Person: Brad Lindstrom, Project Engineer

Return To: Susan E. Soelter
Bartlett & West Engineers, Inc.
1200 SW Executive Drive
Topeka, Kansas 66615-3850

This form provides notification and the opportunity for your agency to review and comment on the proposed project. Please complete Parts I and II as appropriate. Your response by December 1, 2006 will be appreciated.

PART I - AGENCY REVIEW COMMENTS:

PART II - RECOMMENDED ACTION COMMENTS:

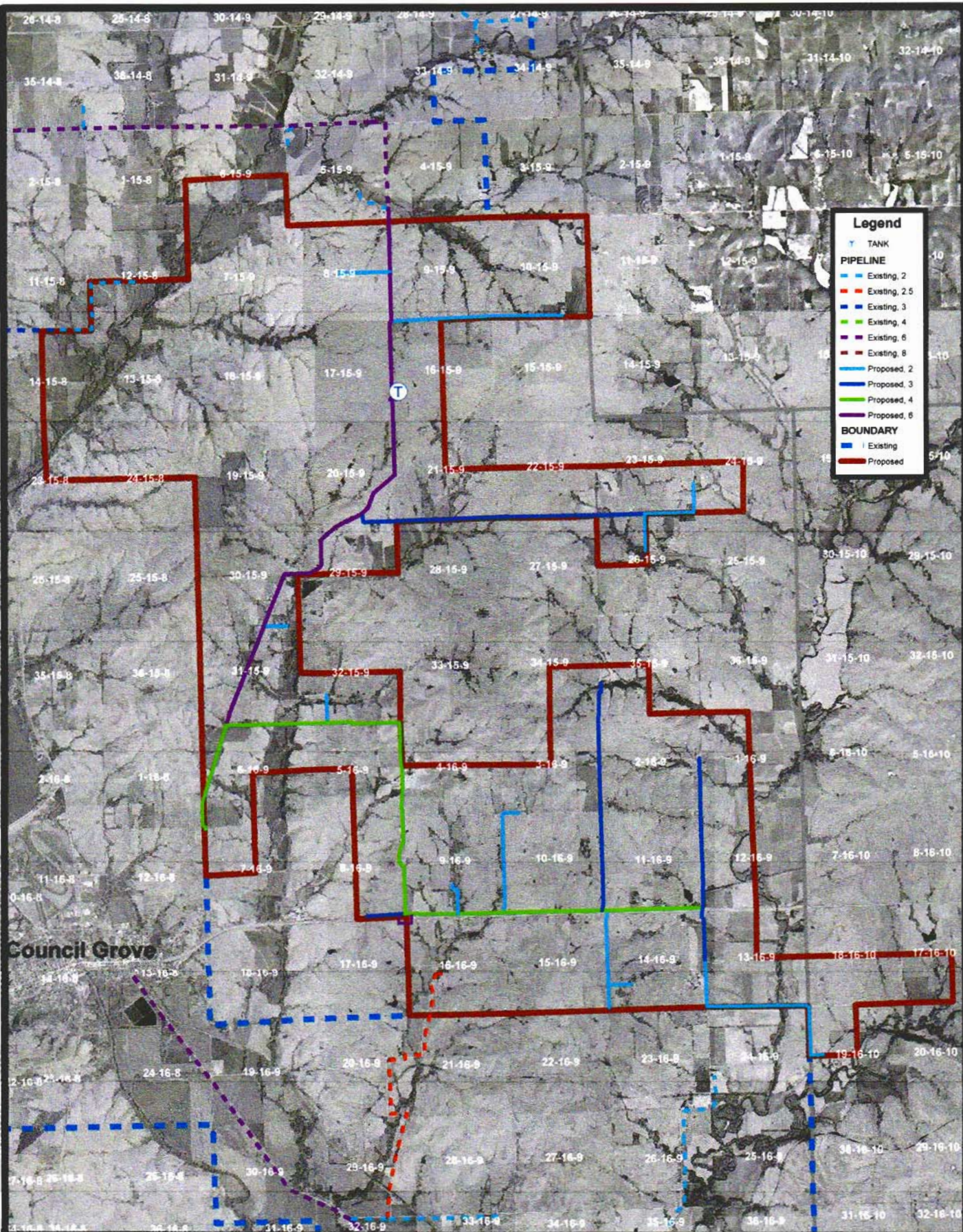
- ☐ Clearance of the project should be granted.
- ☐ Clearance of the project should not be granted.
- ☐ Clearance of the project should be delayed until the issues or questions have been clarified.
- ☐ Clearance of the project should not be delayed, but the Applicant should (in final design and/or permit application) address and clarify the questions or concerns indicated above.
- ☐ Request the opportunity to review final design and plans.

Reviewer's Name: _____

Date: _____

F:\5000\3025.300\ARCVIEW\3025101_EXTENSION_MAP.MXD Layout1 1/2x11 Plotted by: ALB00077 Plotted on: OCT. 30, 2006

Last edit on: 5/10/2005



DESIGNED: BAL
 DRAWN BY: ALB
 CHECKED BY: BAL
 PROJECT ENGR: BAL

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RURAL WATER DISTRICT NO. 1
MORRIS COUNTY, KANSAS
WATERLINE EXTENSION
PROJECT

PROJ NO: 5025.101
 CONST: -----
 SCALE: 1" = 7000'
 DATE: OCTOBER 2006

DRAWING NO:
1
 SHEET NO:
 1 of 1