

August 19, 2008

Ted Hauser
City Administrator, City of Medicine Lodge
114 W 1st St
Medicine Lodge, Kansas 67104

RE: Raw Water Transmission Line, Medicine Lodge, KS
Kansas Department of Commerce Block Grant Program

Dear Mr. Hauser,

The Kansas Geological Survey (KGS) has received the City of Medicine Lodge's July 23, 2008 and August 6, 2008, request for environmental comments on a Kansas Department of Commerce Grant application, which will finance, in part, a proposed 10" and 12" raw-water transmission lines. The proposed 10" line will connect the State well to a pump station at the City's well field north of Medicine Lodge. The proposed 12" line will replace an old 36" gravity line and connect the City's well field to its water plant. The proposed pipe alignment will largely follow an existing road right-of-way(s) and rural areas.

A review of regional geologic information and project description indicates that there should be no unduly adverse geologic conditions that should affect this project. For the purposes of the block grant program, clearance of the project should proceed. A completed request for clearance form is enclosed.

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. 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,



Shane Lyle, RG
Geology Extension Coordinator

cc: Dan Suchy, KGS Data Resources Library

Debbie Douglas
Kansas Geological Survey
1930 Constant Avenue
Lawrence, KS 66047-3726

The following form may be used by the Review Agency /Commission for comments in response to the request for clearance from the proposed Raw Water Transmission Line.

CDBG No. 08-PF-808 KDHE No. KSPWSLF 2427 EPA No. XP-987952701

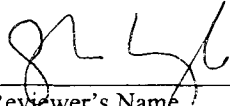
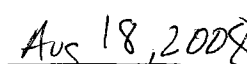
_____	U.S. Army Corps of Engineers
_____	U.S. Dept of Agriculture – Natural Resources Conservation Service
_____	U.S. Dept of Interior – Fish and Wildlife Service
_____	U. S. Environmental Protection Agency
_____	Kansas Biological Survey
_____	Kansas Corporation Commission
_____	Kansas Department Agriculture/Division of Water Resources
_____	Kansas Department of Health and Environment
_____	Kansas Department of Wildlife and Parks
☒	Kansas Geological Survey
_____	Kansas State Historical Society, State Historic Preservation Office
_____	Kansas Water Office
_____	Kansas Department of Agriculture
_____	State Conservation Commission
_____	Federal Emergency Management Agency
_____	Medicine Lodge Municipal Airport
_____	Barber County Emergency Preparedness

Agency Review Comments: (to be completed by reviewing agency and returned to applicant contact person at name and address shown below)

Comments: _____

Recommended Action: (to be completed by the reviewing agency and returned to applicant contact person at the name and address shown below)

☒	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.

		
Reviewer's Name	Division/Agency/Commission	Date

Project Title: Raw Water Transmission Line – CDBG 08-PF-808; KSPWSLF 2427; and EPA XP-987952701

Applicant: City of Medicine Lodge

Contact Person: Ted Hauser

Address: 114 West First Street

City, State: Medicine Lodge, KS Zip 67104 Phone: 620-886-3908



The City of Medicine Lodge

114 West First Street - Medicine Lodge, Kansas 67104-1305
(620) 886-3908 • FAX 620-886-3900

6 August 2008

Debbie Douglas
Kansas Geological Survey
1930 Constant Avenue
Lawrence, KS 66047-3726

You should have received a letter from me dated 23 July 2008 regarding your agency's review of a proposed raw water transmission line project.

In that letter I explained that the \$1,130,505.00 project was funded by CDBG; EPA; and local funds.

I sent the wrong project location map. The map I sent two weeks ago did not include an area for which we are securing an easement. The enclosed map is the correct one which shows the additional proposed line labeled as 10" inch State well line. That line will transport raw water north from the state well raw water line to the proposed pump station near Well Road. If you need clarification please do not hesitate to contact me.

For the agencies who have already responded please let me know (by phone is okay) whether your findings are still appropriate or not. Then we'll address any concerns raised.

Thank you in advance for your patience. I apologize for any inconvenience this may have created for you.

I look forward to hearing from you.

Sincerely,

Ted Hauser
City Administrator



The City of Medicine Lodge

114 West First Street - Medicine Lodge, Kansas 67104-1305
(620) 886-3908 • FAX 620-886-3900

23 July 2008

Debbie Douglas
Kansas Geological Survey
1930 Constant Avenue
Lawrence, KS 66047-3726

The City of Medicine Lodge is resubmitting this letter and attachments as part of the environmental review process required by the Kansas Department of Commerce Block Grant Program.

We are resubmitting because we have selected a new route for the City's proposed 12" raw water transmission line. Originally, the line was to be laid in a fairly straight line from the pump station to the City's treatment plant. However, because of complications in negotiating easements the City will be moving the line from fence lines in the pasture area to the township road right of way. So the pressurized line will now be in an existing public road right of way.

Because the relocation is a substantial change, the City needs to resubmit this letter and attachments for your agency's environmental review.

The rest of this letter which describes the project is essentially the same as presented previously in February 2008.

The proposed 12" pressurized transmission line will replace the current 36" gravity flow line which is the City's only means by which water is delivered to the City. The current gravity flow line was built in 1917 and, because of its age, is gradually deteriorating causing more water loss annually. The total project cost is estimated to be \$1,130,505.00 and will be financed by a \$400,000.00 CDBG Grant, \$477,900.00 EPA STAG Grant and \$242,000.00 in local funds.

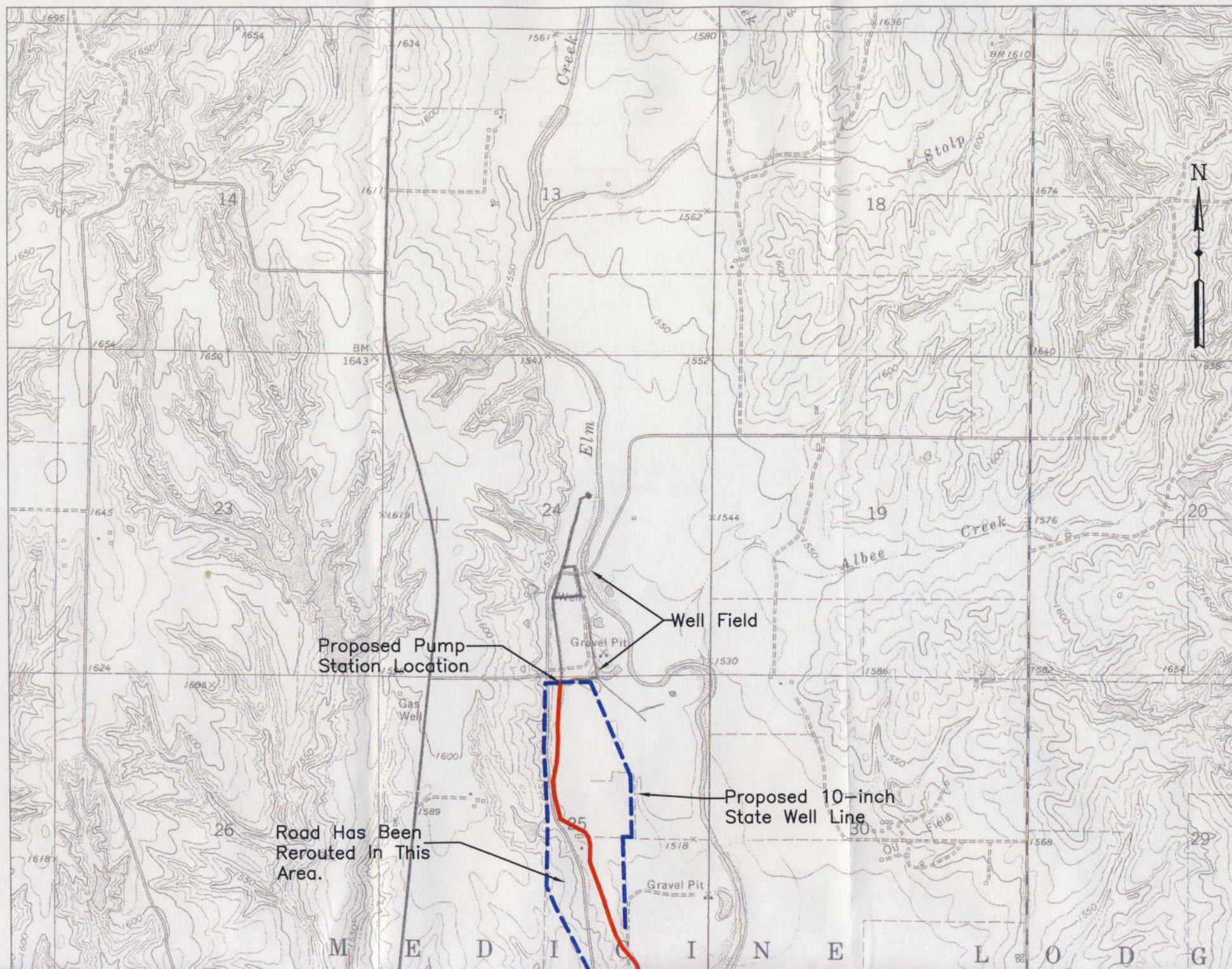
Attached is a map prepared by the project engineer – Bucher, Willis, and Ratliff in Salina – showing the rerouting of the existing 36" line the proposed routing of the 12" pressurized line.

We are requesting your agency's observation on the proposed project,. For your convenience we have enclosed a comment form you may use as a guide. However, feel free to use whatever documentation you wish.

We appreciate your attention to this matter and if you have any questions, please to not hesitate to contact me.

Sincerely,

Ted Hauser
City Administrator



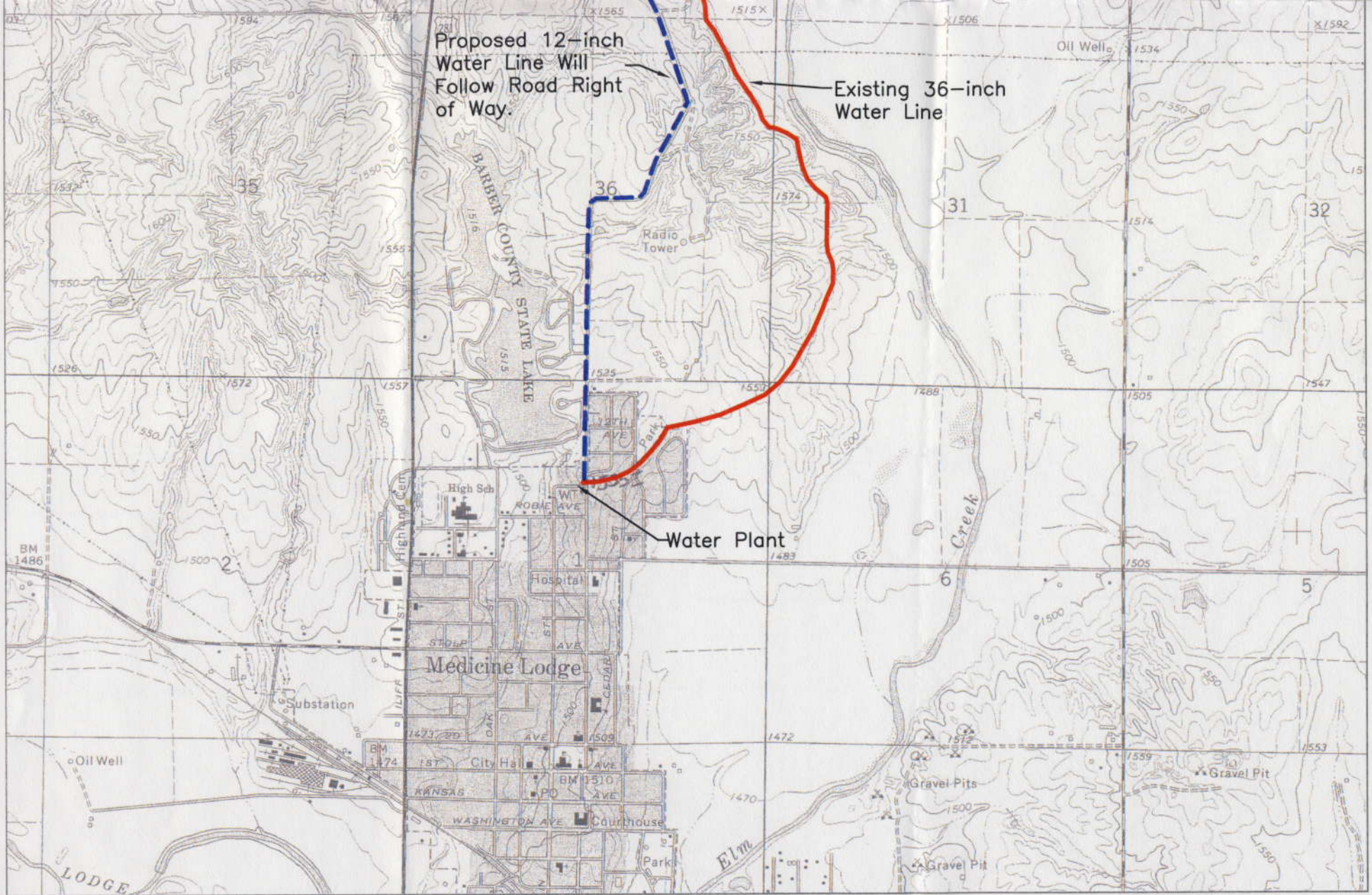


FIGURE 2
PROPOSED 12-INCH WATER TRANSMISSION LINE

SCALE: 1"=2000'

BUR BUCHER, WILLIS & RATLIFF
CORPORATION

609 WEST NORTH STREET SALINA, KANSAS 67401 785-827-3603