

July 24, 2007

Susan E. Soelter  
Bartlett & West Engineers  
1200 SW Executive Drive  
Topeka, KS 66615-3850

Dear Ms. Soelter,

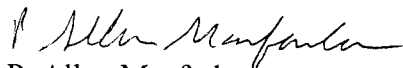
I have reviewed the proposed project to make improvements to the existing system of Pottawatomie County Rural Water District #4.

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

## AGENCY REVIEW TRANSMITTAL FORM

Comments By: Kansas Geological Survey Transmittal Date July 20, 2007

Project Title: Pottawatomie County RWD No. 4 Distribution System Improvements

Contact Person: Alan Soelter, 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 August 20, 2007 will be appreciated.

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### PART I - AGENCY REVIEW COMMENTS:

*See attached*

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### 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: Pr Allen Macfarlane

Date: 7/24/07

**BARTLETT  
WEST  
ENGINEERS**

SERVICE. THE BARTLETT & WEST WAY.

July 20, 2007

~~Donald Whittemore~~ *Allen MacFarlane*  
Kansas Geological Survey  
1930 Constant Avenue, Campus West  
The University of Kansas  
Lawrence, KS 66047-3726

Re: Rural Water District No. 4, Pottawatomie County, Kansas  
Project No. 4902.000

Pottawatomie County Rural Water District #4 proposes to make improvements to its existing rural water system. Improvements are needed to solve an iron bacteria growth problem at the wells. The bacteria growth is causing excessive plugging of the cartridge filters resulting in having to frequently rinse and re-use the filters. To correct this problem the district needs to aggressively disinfect the wells and then replace the reverse osmosis membrane modules once the iron bacteria at the wells is under control.

To maximize pumping out of the plant, the water district also intends to construct an additional 50,000-gallon ground storage tank. Piping is already in place. This storage tank will be placed beside the current ground storage and will also allow the water district to take one out of service should repair or cleaning be needed.

The above improvement will take place within the existing well buildings and water treatment facility, except for the approximately six miles of improvement lines as shown on the attached map. Ground disturbance will be minimal and occur on district properties.

The USDA Rural Development office servicing this project is located at 2615 Farm Bureau Road, Manhattan, KS 66502

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 negative report. 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.

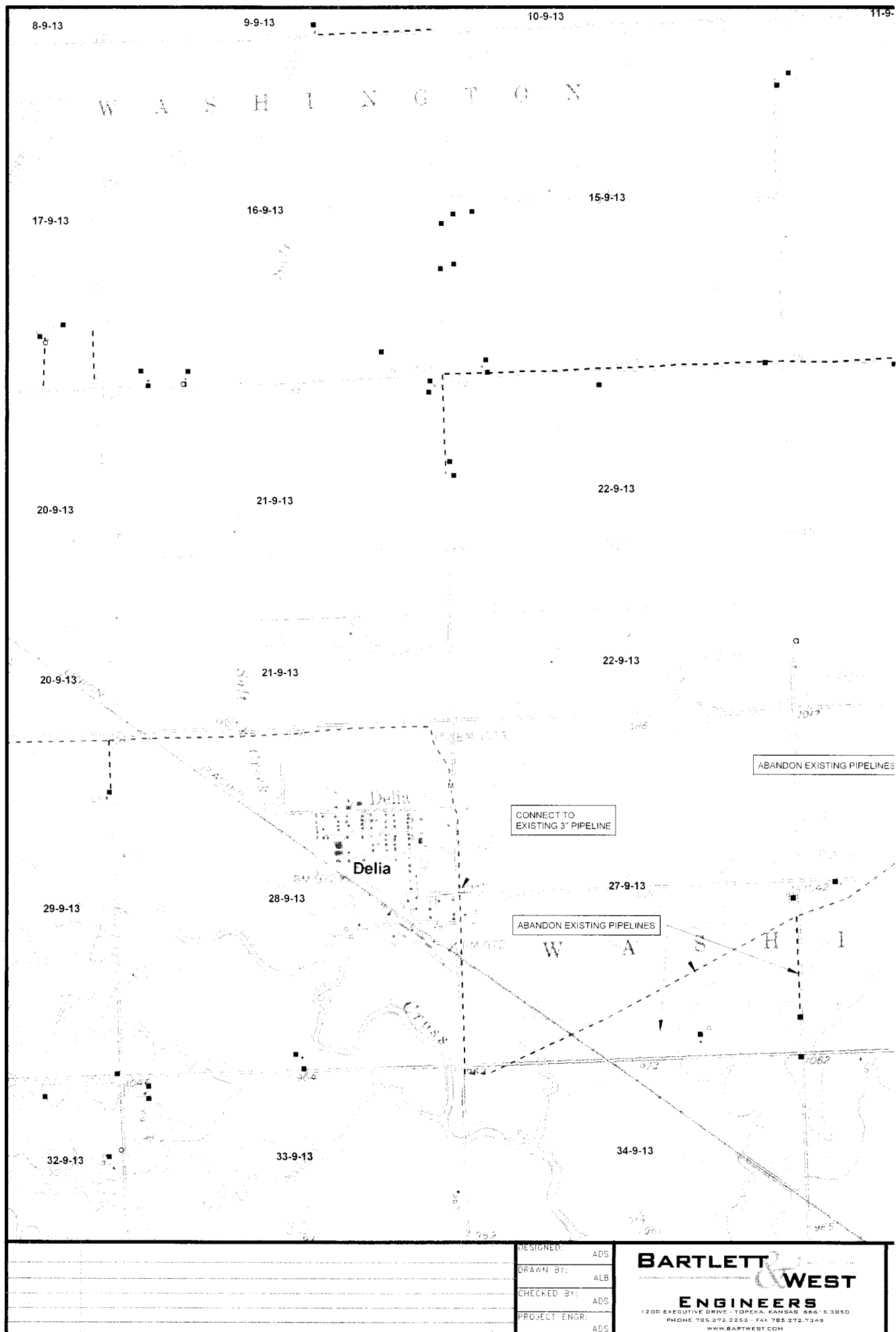
Sincerely,

*Susan E. Soelter*  
Susan E. Soelter

*SC*

cc: Dan Fischer, Rural Development, Manhattan  
Attachments (2)

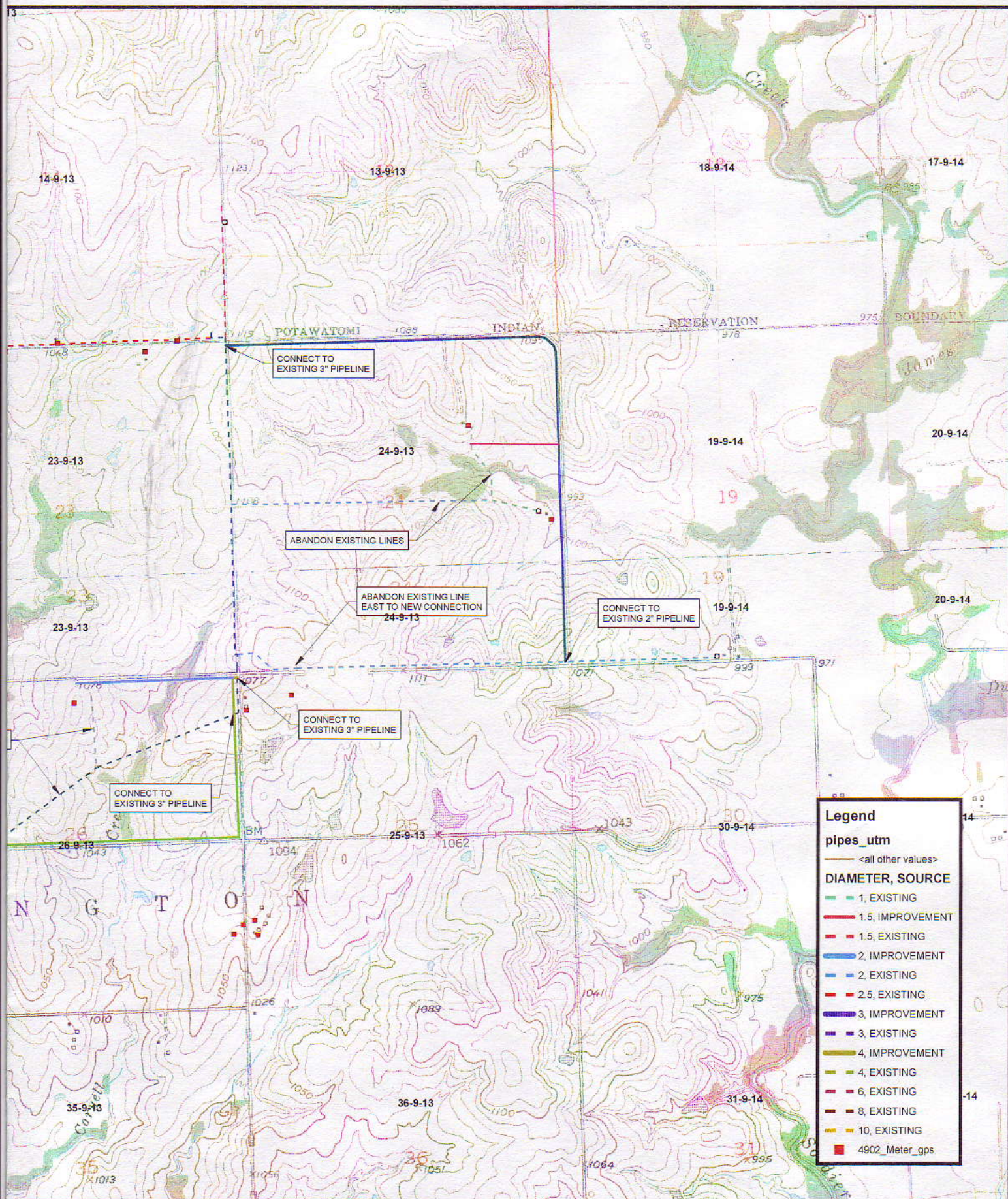
1200 SW EXECUTIVE DRIVE ■ TOPEKA KS 66615-3850  
785.272.2252 ■ FAX 785.272.7349 ■ 888.200.6464











**RURAL WATER DISTRICT NO. 4**  
**POTTAWATOMIE COUNTY, KANSAS**

**DISTRIBUTION SYSTEM**  
**IMPROVEMENTS**



PROJ NO: 4902.000  
CONST: -----  
SCALE: 1" = 2000'  
DATE: JANUARY 2007

DRAWING NO: 1  
SHEET NO: 1 of 1