

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
Phone: 785-864-3965
Fax: 785-864-5317

Joe L. Mauck
Schwab-Eaton, P.A.
1125 Garden Way
Manhattan, Kansas 66502

October 30, 2006

Dear Mr. Mauck,

I am writing concerning the City of Arlington well installation project. Your engineer gave me some background information on the work that was done in the area including extensive test drilling and water quality analyses to determine the acceptability of water for the new wells. The nitrate values are within the acceptable limits. The wells are located in an acceptable area upgradient of the city sewage disposal lagoons so the new wells should not be impacted by this source.

Based on the information provided to me the project looks acceptable and should proceed.

Sincerely,

Margaret A. Townsend
Hydrogeologist

Schwab-Eaton, P.A.

CIVIL ENGINEERS • LAND SURVEYORS • LANDSCAPE ARCHITECTS

October 4, 2006

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

Dear Sir:

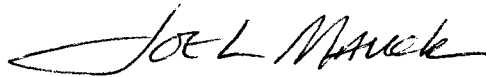
The City of Arlington, Kansas provides water to citizens from existing wells which have been plagued with excessive nitrate levels. In order to supply safe water, the City is proposing to drill and equip two new public water supply wells.

The new wells, and new chlorination building near the wells, would be located east of town in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 1, Township 25 South, Range 8 West and a new 8" water main would be constructed to connect the wells to the City's distribution system. The enclosed map shows the location of these improvements. In addition, some distribution system improvements within the City will be made if funding allows. These improvements are primarily related to replacement of old, undersized water mains. The estimated total project cost is \$585,000.00

Should your agency have questions or concerns, please respond in writing no later than November 6, 2006.

Sincerely,

SCHWAB-EATON, P.A.



Joe L. Mauck

Encl.

