

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 the Kansas Department of Health and Environment for the Kansas Water Pollution Control Revolving Loan Fund

Applicant: City of Valley Center
Wastewater Treatment Facility System Improvements

Contact Person: Clare C. Paul, I.E.
Address: Professional Engineering Consultants, P.A.
303 S. Topeka
Wichita, KS 67202

Sent to the Kansas Geological Survey for environmental review.

Agency Review Comments:

The letter describing the project indicates that it is for wastewater treatment facility improvements. However, the letter states that the application will be for a loan from the Kansas Public Water Supply Loan Fund. The location of the project as marked as being in the area of the sewage disposal on the map included with the letter and the character of the project improvements indicate that it is a wastewater improvements activity. I assume that the loan will actually be from the Kansas Water Pollution Control Revolving Loan Fund.

The long-term benefits of the improved wastewater treatment should offset any short-term adverse environmental impacts during construction.

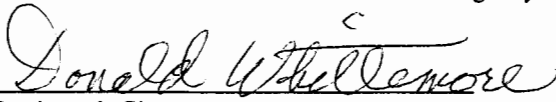
Recommended Action:

- ☒ 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

8/21/06
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.



Professional Engineering Consultants, P.A.

August 2, 2006

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

Reference: Valley Center Wastewater Treatment Facility Improvements
Kansas Public Water Supply Loan Fund Project C20-1740-01
PEC Project No. 34-05242-2502

To Whom It May Concern:

The city of Valley Center is preparing an application to the Kansas Department of Health and Environment for a loan from the Kansas Public Water Supply Loan Fund for the referenced project. The legal description of the Treatment Facility property is Section 32, TWP 25S, RNG 1E in Sedgwick County, KS. The improvements include new headworks with fine screening and grit removal, anaerobic and anoxic basins, recycle pumping, a new final clarifier, sludge pumping building, scum lift station, and updates to emergency power and controls.

The Project Budget is as follows:

1.	Headworks	\$ 579,000.00
2.	Anaerobic Chambers	\$ 142,000.00
3.	Anoxic Basin	\$ 244,000.00
4.	Recycle Pumping	\$ 292,000.00
5.	Final clarifier #3	\$ 384,000.00
6.	Sludge pumping building	\$ 504,000.00
7.	Scum lift station	\$ 77,000.00
8.	Site work	\$ 108,000.00
9.	Contractor costs	\$ 350,000.00
10.	Contingencies	\$ 268,000.00
11.	Engineering	\$ 380,000.00
12.	Interest during construction	\$ 214,000.00
Total		\$3,542,000

We would appreciate your review of the project description and location, and any comments you may have no later than September 2, 2006. A USGS Map of the property and a project review form are enclosed for your use.

DIRECTORS:

D.E. MALTBY, P.E.
M.D. SCHOMAKER, P.E.
G.D. SCHOCK, P.E.
J.H. BAILEY, P.E., Ph.D.
D.I. NORTON, P.E.
B.E. REMSBERG, P.E.
G.K. GREENWOOD, P.E.
D.E. HAGER, P.E.
M.W. BERRY, P.E.
J.B. GEORGE, P.E.
R.A. SCHLITT, P.E.

ASSOCIATE

DIRECTORS:

K.L. ROOD, P.E.
W.G. BRITSON, P.E.
T.M. LENZ, P.E.
R.R. YOUNG, P.E.
J.P. MOORE, P.E.
J.L. MARTIN, P.E.
W.G. MOHR, P.E.
W.D. HUBBARD, P.E.
B.J. EDMUNDSON, P.E.
D.L. DOWNES, P.E.

303 S. TOPEKA
WICHITA, KANSAS
67202
316-262-2691
316-262-3003 FAX
www.pec1.com

WICHITA
TOPEKA
TULSA
LAWRENCE
PITTSBURG

Kansas Geological Survey
August 2, 2006
Page 2

All responses may be sent to:

Clare C. Paul, E.I.
Professional Engineering Consultants, P.A.
303 S. Topeka
Wichita, KS 67202

Please feel free to contact me at (316) 262-2691 if you have any further questions.

Very truly yours,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

A handwritten signature in cursive script that reads "Clare C. Paul".

Clare C. Paul, E.I.
Design Engineer

CCP/tac

Encl: As noted

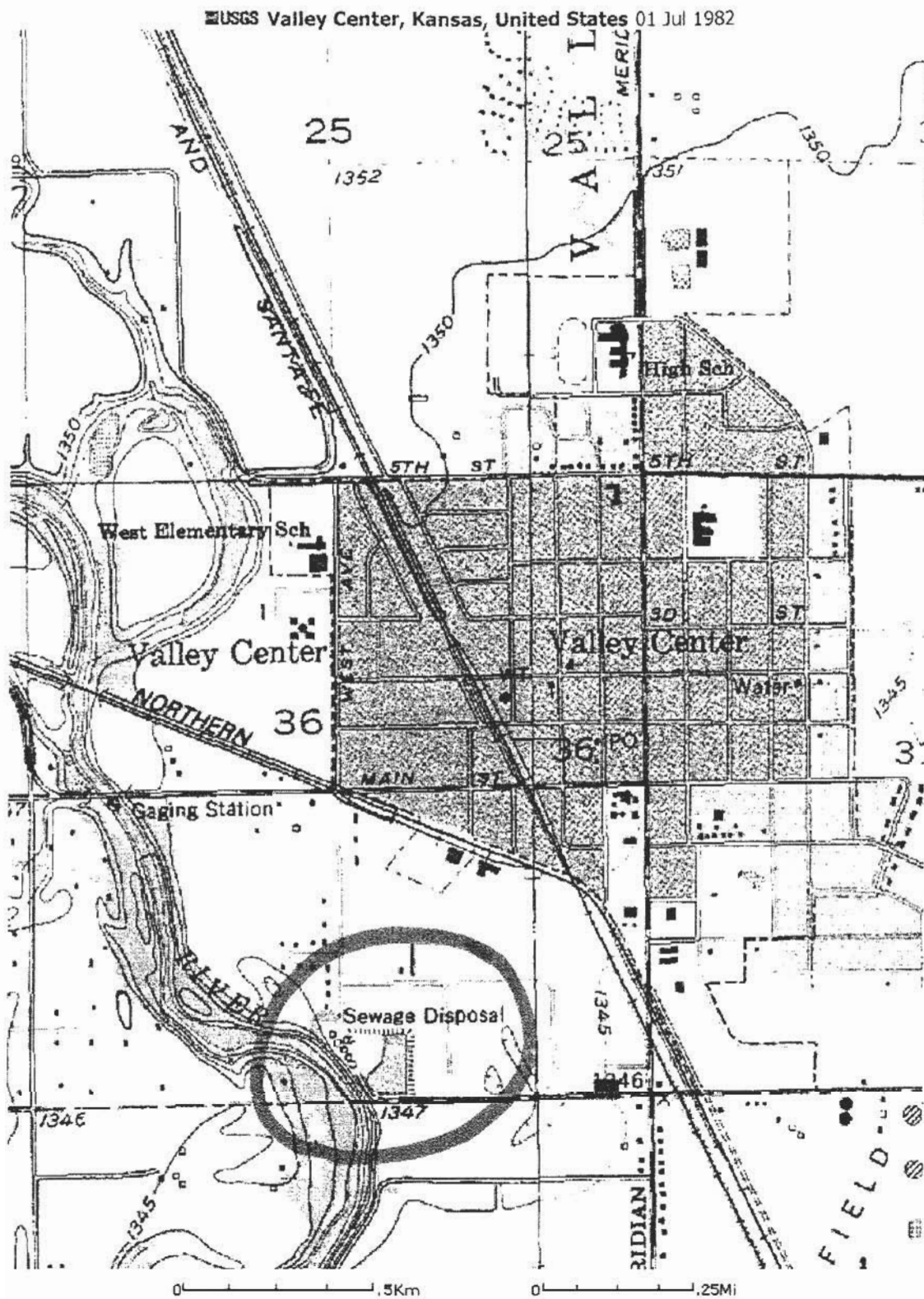


Image courtesy of the U.S. Geological Survey
 © 2004 Microsoft Corporation. [Terms of Use](#) [Privacy Statement](#)

Valley Center Wastewater Treatment Facility Improvements Project Review Form
Kansas Public Water Supply Loan Fund; Project No. C20-1740-01

☐ US Department of the Interior, Fish & Wildlife Service, Kansas State Office
☐ US Army Corps of Engineers, Kansas State Regulatory Office
☐ Kansas Dept. of Wildlife and Parks, Environmental Services Section
☐ Kansas Water Office
☐ Kansas State Historical Society, State Historical Preservation Office
☐ U.S. Department of Agriculture, Natural Resources Conservation Services
☐ Kansas Department of Agriculture, Division of Water Resources
☐ State Conservation Commission
☐ Kansas Biological Survey
☐ Kansas Corporation Commission, Conservation Division
☐ Kansas Geological Survey

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 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
Applicant:	The City of Valley Center, Kansas	
Contact Person:	Clare Paul	
Address:	Professional Engineering Consultants, P.A., 303 S. Topeka	
City, State:	Wichita	Zip: 67202 Phone: 316-262-2691