KANSAS GEOLOGICAL SURVEY

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

John W. Brann III
Ponzer-Youngquist, P.A.
Consulting Engineers and Land Surveyors
227 E. Dennis Ave.
Olathe, KS 66061

January 16, 2007

Dear Mr. Brann,

I have reviewed the intergovernmental/environmental review request for the City of Edgerton Kansas regarding the installation of a belt press sludge disposal system. Based on the information provided regarding the disposal and treatment of the removed water and storage and disposal of the dewatered sludge, I find no geological reasons to object to the 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. It is the responsibility of the applicant to provide any required site characterizations.

Sincerely yours,

Margaret A. Townsend

Margaret A. Townsend
Hydrogeologist

PONZER-YOUNGQUIST, P.A.
Consulting Engineers and Land Surveyors
227 E. Dennis Ave., Olathe, KS 66061 • 913/782-0541 FAX 913/782-0109

December 29, 2006

Dr. Lee Allison
Kansas Geological survey
KU-1930 Constant Ave. - Campus West
Lawrence, KS 66047

RE: INTERGOVERNMENTAL / ENVIRONMENTAL REVIEW
EDGERTON, KANSAS

The City of Edgerton, Kansas, in the process of applying for a loan from the Kansas Water Pollution Control Revolving Loan Fund (KWPCRLF) to fund wastewater treatment improvements. As the District's engineer, we are requesting your review and comments regarding the proposed project.

Project Description:

In the past, the City has hauled all sludge to various sites for land disposal. The City began experiencing problems with sludge disposal and in 1996 they installed a sludge dewatering system. This system consists of a sludge conditioning system and 12 waste sludge bags. Due to the loss of sites available for sludge disposal and increased costs of the bagging process, the City has evaluated two alternate sludge disposal systems: a belt press and a centrifuge. The belt press system, with final disposal by Ottawa Sanitation, is the more economical alternative and the City has decided to proceed with the belt press system.

Environmental

The belt press will system will be constructed on the site of the City's existing wastewater treatment facility. The new system will essentially compress the sludge to remove the water. The water will be recycled back to the existing wastewater treatment plant for treatment and discharge to the Little Bull Creek. Water from the current bagging system is also recycled back to the existing treatment plant for treatment and discharge to Little Bull Creek so the belt press system will not result in an increased discharge volume. Dewatered sludge will be stored in an on-site container until it is disposed of by Ottawa Sanitation at an approved disposal site. This process is not expected to have any negative impact on the environment.

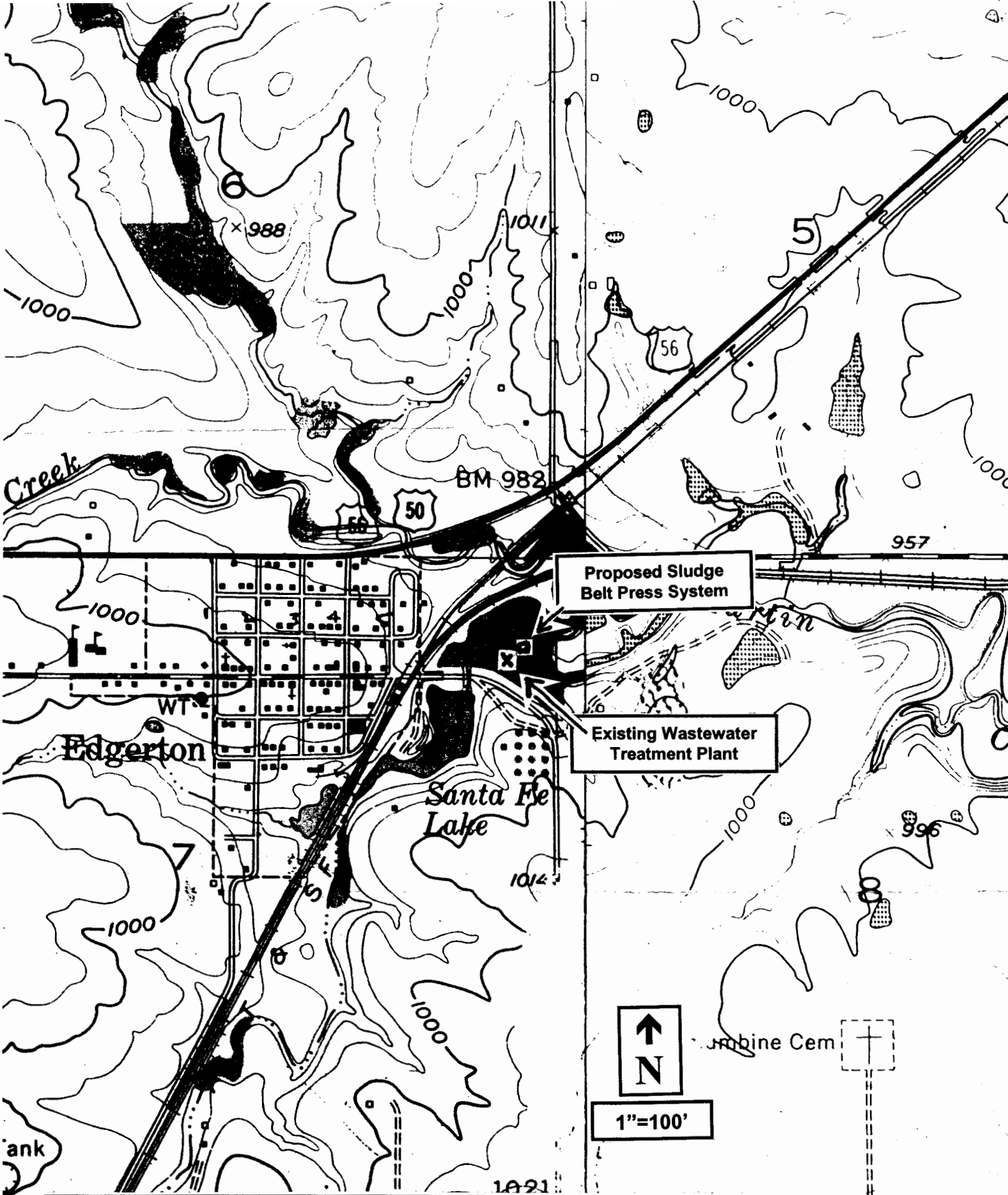
We are enclosing a site map and a copy of the application form.

In accordance with KWPCRLF requirements, your comments are to be returned within 30 days. If you have any questions regarding our proposed project, please me at 913/782-0541.

We appreciate your prompt response in this matter.

John W. Brann III, PE, RLS

Enc.



Edgerton, Kansas
Wastewater Treatment Improvement Project - Sludge Belt Press System
Location: Section 7, Township 15S, Range 22E, Edgerton, Johnson County

Kansas Department of Health and Environment

APPLICATION FOR SRF LOAN ASSISTANCE

			New	Amendment
Project Number	C 20- 1738 - 01	**Application Type**	X	

1. Legal Applicant / Recipient

Applicant Name	City of Edgerton
Organization Unit	
Street / PO Box	PO Box 255
City	Edgerton
County	Johnson
State / Zip code	KS / 66021
Contact Person Name	Rita Moore, City Clerk
Telephone Number	913-893-6231

2. Type of Applicant / Recipient

A. City
B. County
C. Other (Specify)

Enter Appropriate Letter: A

3. Title of applicants project: Belt Press Sludge Disposal System

4. Type of Project: Belt press system for dewatering and disposal of wastewater sludge.

5. Employer Identification Number	48-0734242
6. Area of project impact (Names of cities, counties, etc)	City of Edgerton
7a. Congressional District / Applicant	3
7b. Congressional District / Project	3

8. Type of change

Increase dollars	$ -
Decrease dollars	$ -

9. Proposed Funding

SRF Loan **9a.**	$	230,000
Applicant **9b.**	$	-
CDBG **9c.**	$	200,000
EPA **9d.**	$	-
EDA **9e.**	$	-
Other **9f.**	$	-
Total	**$**	**430,000**

10. Project Start Date (Estimated)	06/01/07
11. Project Duration (Months)	6 mo
12. Date Submitted (To KDHE)	01/05/07

13. Requested Loan Repayment Period (Must not be over 20 years) 10 YRS

14. The applicant certifies that: To the best of my knowledge and belief, data in this pre-application / application is true and correct, the document has been duly authorized by the governing body of the applicant and the applicant will comply with the attached assurances if the assistance is approved

This notice of intent / preapplication / application was made available to the state executive order 12372 process for review on: Date 01/05/07

15. Certifying Representative

Name Frances Cross

Title Mayor

Signature Frances M Cross

Mail completed application to:
Kansas Department of Health and Environment
Bureau of Water / Attn: Rod Geisler
Municipal Programs Section, Suite 420
1000 SW Jackson Street
Topeka, KS 66612-1367

If you need assistance please contact:
Bill Mondi
Administrative / Finance Section, Suite 420
1000 SW Jackson Street
Topeka, KS 66612-1367
785-296-4049