

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 Larned
Sewer System Improvements
CDBG Public Facilities Grant No. 06-PF-534
KWPCRF Project No. C20 1287 01

Contact Person: Faye Trent, Grant Administrator
Address: Great Plains Development, Inc.
P.O. Box 1116
Dodge City, KS 67801

Sent to the Kansas Geological Survey for environmental review.

Agency Review Comments:

The long-term benefits of the improvements to the sewer system, including the submersible lift station and sewer lines, should offset any short-term adverse 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

3/20/06
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.

Please note that Dr. Lee Allison has not been the Director of the Kansas Geological Survey since the middle of August 2004. The University of Kansas recently appointed Dr. William Harrison as the new Director.

Great Plains Development, Inc.

(620) 227-6406 • FAX (620) 225-6051
P.O. Box 1116 • 100 Military Plaza, Suite 128 • Dodge City, Kansas 67801
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February 23, 2006

Don Whittemore

Kansas Geological Survey
University of Kansas
Dr. ~~Lee Allison~~
1930 Constant Ave
Lawrence, KS 66047

To Whom It May Concern:

The City of Larned, Kansas has been awarded a CDBG Public Facilities Grant for Sewer System Improvements, Grant No. 06-PF-534 and has applied to the Kansas Department of Health and Environment for a KWPCRF loan. An environmental study is being conducted. (Please see the attached Project Abstract, front page of KWPCRF Loan Application to Kansas Department of Health and Environment and the engineer's recommendations.)

All interested agencies, groups and persons are invited to submit written comments to our office. Such written comments should be received at Great Plains Development, Inc., P.O. Box 1116, Dodge City, Kansas 67801, no later than March 17, 2006.

An agency review transmittal form is enclosed for your convenience.

Sincerely,

Faye Trent

Faye Trent
Grant Administrator

Enclosure

PROJECT ABSTRACT

ENVIRONMENTAL ASSESSMENT

Name of Grantee: City of Larned
Grant No.: 06-PF-534
From: January 15, 2006 To: January 15, 2008

Original X Revision Amendment

Certifying Officer: Robert C. Pivonka, Mayor
Address: 417 Broadway
City, State, Zip: Larned, KS 67550
Telephone: 620-285-8500

Project Name: City of Larned, Sewer System Improvements
Location of Physical Development: See attached map

Administrator: Great Plains Development, Inc.
100 Military Plaza, Suite 128
P. O. Box 1116
Dodge City, KS. 67801

Project Representative: Faye Trent

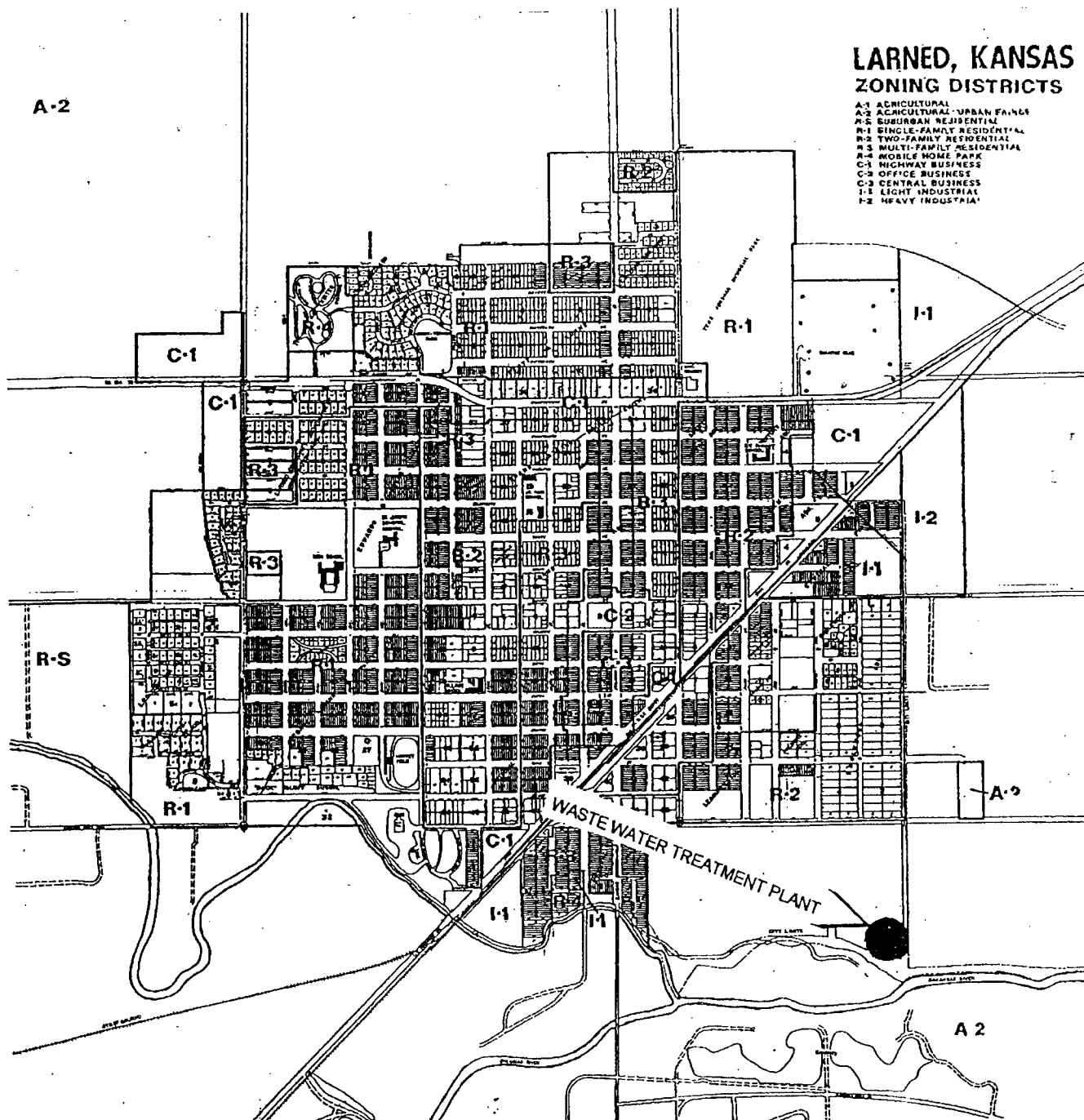
Telephone: 620-227-6406 FAX: 620-225-6051

Project Summary Description:	CDBG Funds: \$ <u>400,000.00</u>
	Other: <u>\$6,729,400.00</u>

Construct submersible lift station to include 71 CY concrete, 3 submersible pumps with controls, 3 variable frequency drives, 2,225 LF 24" gravity line, 6 manholes, 72 VF extra manhole depth; 1,716 SF 2-level process facility; treatment process equipment, 2,175 CY concrete; 955 LF of 18", 24", 6", 12" and 8" pipe.

A-2

- A-1 AGRICULTURAL
A-2 AGRICULTURAL-URBAN FAIRLY
A-3 SUBURBAN RESIDENTIAL
R-1 SINGLE-FAMILY RESIDENTIAL
R-2 TWO-FAMILY RESIDENTIAL
R-3 MULTI-FAMILY RESIDENTIAL
R-4 MOBILE HOME PARK
C-1 HIGHWAY BUSINESS
C-2 OFFICE BUSINESS
C-3 CENTRAL BUSINESS
I-1 LIGHT INDUSTRIAL
I-2 HEAVY INDUSTRIAL



Kansas Department of Health and Environment

APPLICATION FOR SRF LOAN ASSISTANCE		New	Amendment
Project Number	C-20-1287-01	X	
1. Legal Applicant / Recipient		2. Type of Applicant / Recipient	
Applicant Name	City of Larned	A. City	
Organization Unit	Waste Water Utility	B. County	
Street / PO Box	417 Broadway	C. Other (Specify)	
City	Larned	Enter Appropriate Letter A	
County	Pawnee		
State / Zip code	Kansas 67550		
Contact Person Name	Don Gaeddert, City Manager		
Telephone Number	620-285-8500		
3. Title of applicants project Waste Water Treatment Plant			
4. Type of Project New Waste Water Treatment Plant			
5. Employer Identification Number		48-6007537	
6. Area of project impact (Names of cities, counties, etc)		Larned/Pawnee	
7a. Congressional District / Applicant		1	
7b. Congressional District / Project		1	
8. Type of change		Increase dollars \$ -	
		Decrease dollars \$ -	
9. Proposed Funding			
SRF Loan 9a.	\$ 6,084,000	10. Project Start Date (Estimated) 11. Project Duration (Months) 12. Date Submitted (To KDHE)	
Applicant 9b.	\$ -		
CDBG 9c.	\$ 400,000 appl. pending		
EPA 9d.	\$ -		
EDA 9e.	\$ -		
Other 9f.	\$ 650,000 est. cash reserves		
Total	\$ 7,134,000		
13. Requested Loan Repayment Period (Must not be over 20 years)		20	
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	
		15. Certifying Representative Name Robert C. Pivonka Title Mayor	
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 Mondl Administrative / Finance Section, Suite 420 1000 SW Jackson Street Topeka, KS 66612-1367 785-296-4049	

The recommendation of the previous report was to replace the existing lift station with a new submersible lift station located at the existing wastewater facility. Relocation was recommended in the report for several reasons. First, the lift station would no longer be located in a residential neighborhood which is unsightly and omits offensive odors. Secondly, City personnel would no longer be required to enter a confined space to inspect and maintain equipment where potentially lethal gases can accumulate, such as methane and hydrogen sulfide. Finally, by relocating the lift station to the wastewater treatment plant, only one source of back-up power is required for both the lift station and the wastewater treatment plant.

A new submersible lift station will include a wet well and three submersible chopper pumps with variable frequency drives (VFD). Submersible pumps eliminate the need for confined space entry during maintenance intervals because they are accessible from the ground level. The influent wastewater will then be pumped up to the headworks process room.

AGENCY REVIEW TRANSMITTAL FORM

COMMENT BY: March 17, 2006

RETURN TO: Great Plains Development, Inc.
P. O. Box 1116
Dodge City, KS. 67801

IN REGARD TO: City of Larned, Sewer System Improvements

CDBG NO.: 06-PF-534

This form provides the opportunity for your agency to comment on this proposed project.
Please feel free to respond by letter if you prefer.

Please respond by above date.

AGENCY REVIEW COMMENTS:

RECOMMENDED ACTION:

- ☐ 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.

DATE: _____

SIGNATURE: _____

AGENCY: _____

ADDRESS: _____

CITY/STATE/ZIP: _____