

February 13, 2009

Rodney J. Hoffer, P.E.
1263 S.W. Topeka Blvd.
Topeka, KS 66612

RE: Sherwood Regional Sewer District Wastewater Pumping Station
KDHE RLF No. C20-1560-01

Dear Mr. Hofer,

The Kansas Geological Survey (KGS) has received Professional Engineering Consultants January 29, 2009, request for environmental comments on a KWPCRLF application to replace three wastewater pumping stations as well as their associated force mains. One of the force mains will be constructed beneath Sherwood Lake. According to the project narrative, the horizontal drilling contractor will follow applicable KDHE and EPA requirements.

A review of regional geologic information and project description indicates that there should be no unduly adverse geologic conditions that should affect this project. For the purposes of the environmental review, clearance of the project should proceed.

This letter is an assessment based on the regional geologic conditions available at the KGS and cannot be used in substitute of a detailed site characterization. It is the responsibility of the applicant to provide any necessary characterization, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely,



Shane Lyle, RG
Geology Extension Coordinator

cc: Dan Suchy, KGS Data Resources Library



Professional Engineering Consultants, P.A.

January 29, 2009

Dr. William Harrison
Kansas Geological Survey
KU – 1930 Constant Ave.
Campus West
Lawrence, Kansas 66047

RE: Intergovernmental Review Process for KDHE/RLF
Request for Environmental Review and Clearance
Sherwood Regional Sewer District Wastewater Pumping Stations Improvements
KDHE RLF No. C20-1560-01
PEC Project No. 08A08-002-2085

Dear Dr. Harrison:

The Shawnee County Public Works Department is proposing to replace three existing wastewater pumping stations as well as their associated force mains. One of these force mains will be constructed beneath Sherwood Lake by Horizontal Direction Drilling (HDD). The project will also include portions of new gravity sewer to convey the collected wastewater to the Sherwood Regional Wastewater Treatment Plant. The Public Works Department's intent is to request state funds through the Kansas Water Pollution Control Revolving Loan Fund program. One of the requirements of the Kansas Department of Health and Environment (KDHE) is that applicants prepare an environmental clearance document to be sent to a number of state and federal agencies. Your agency is one of those listed by KDHE.

The attached information includes a preliminary copy of the KWPCRLF application form, a narrative description of the project and a site map. Please review the information at your earliest convenience, and provide project "clearance" or comments as appropriate. We respectfully request your response by March 6, 2009. Comments should be returned to this office.

Please contact me if you have any questions regarding the project or information contained within the application package. Your prompt consideration of the review request is greatly appreciated.

Sincerely,
Professional Engineering Consultants, P.A.


Rodney J. Hofer, P.E.

RJH/pkr
Attachments

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PROJECT INFORMATION
SHERWOOD PUMPING SYSTEM IMPROVEMENTS
SHAWNEE COUNTY, KANSAS

1. Project Narrative Description: The Shawnee County Public Works Department is proposing to upgrade the existing wastewater collection system in the vicinity of Lake Sherwood in Shawnee County, Kansas. Proposed improvements will include the following major units of work:

- Construction of three wastewater pump stations
- Abandonment of three existing pump stations
- Installation of approximately 5,600 feet of 4" to 8" force main
- Installation of 5,000 feet of 15" and 18" gravity sewer that will discharge to the Sherwood Regional WWTP
- One of the force mains will be installed by horizontal directional drilling under Lake Sherwood for a distance of approximately 1,600 feet
- Pump stations will include alarm communication to a central operations location.

The receiving body is the West Branch of Shunganunga Creek, which is tributary to the Kansas River.

2. Site Map: A site map of the project area is attached.

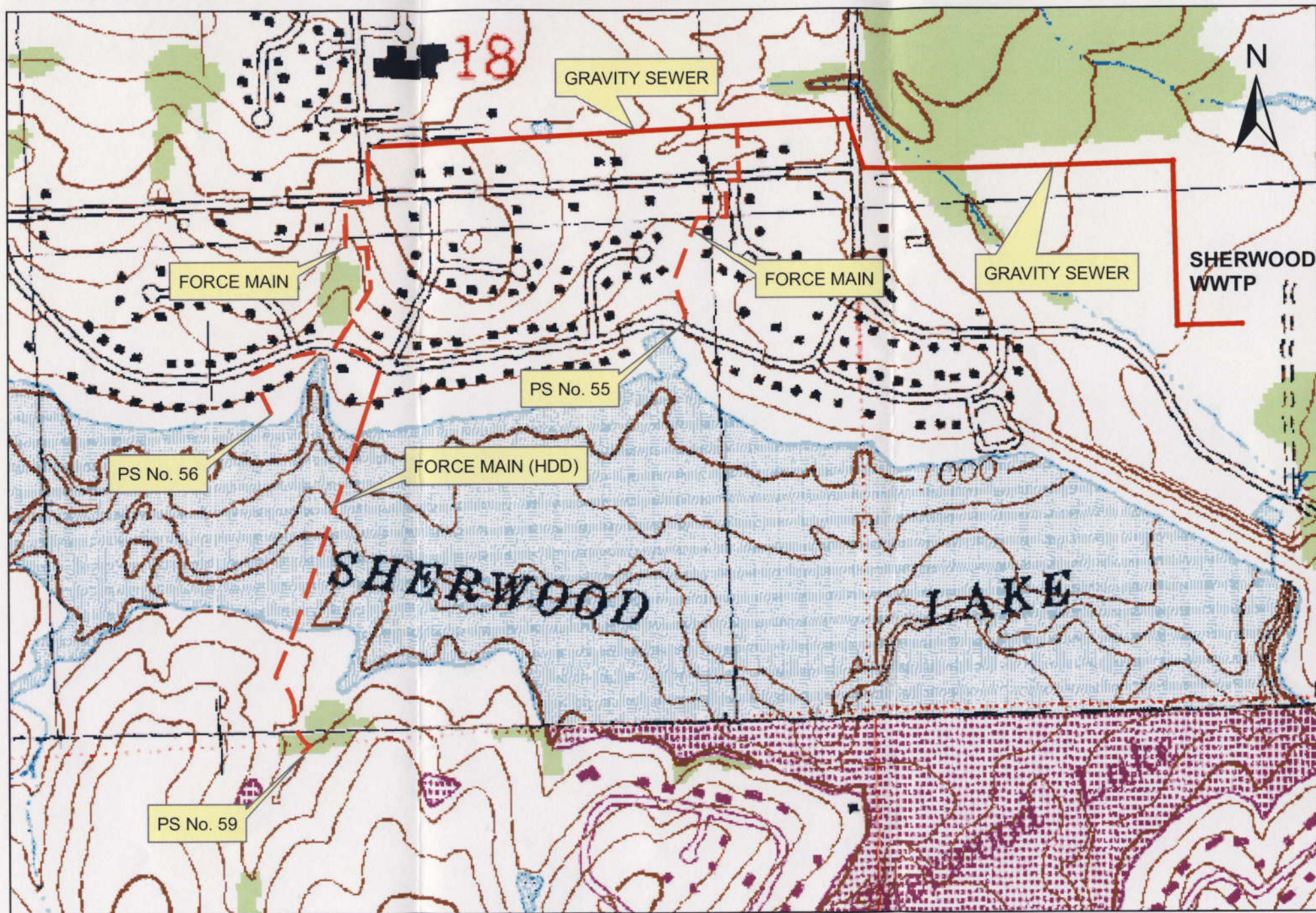
3. Project Location:

- Legal description: The Sherwood Regional WWTP is located in the SW ¼ of Section 17, T12S, R15E, of the 6th P.M. in Shawnee County, Kansas. The pump stations, force mains and gravity sewers are located in Sections 17, 18 and 19 of T12S, R15E.
- Land Use: The present land use is primarily residential development. The force mains and sanitary sewers will be located along lot lines, existing easements, existing streets, and new easements as necessary, all within or adjacent to existing urban development.

4. Environmental Information: The project is not known to be in close proximity to any sensitive fish or wildlife habitats. The three pump stations are adjacent to Lake Sherwood. The proposed improvements will improve the capacity and reliability of these pump stations, thereby reducing the potential of impact upon the lake. The Contractor will be required to comply with all EPA and KDHE requirements for preventing runoff pollution due to construction activities.

Kansas Department of Health and Environment

APPLICATION FOR SRF LOAN ASSISTANCE		New	Amendment
Project Number	C 20-1560-01	Application Type	X
1. Legal Applicant / Recipient		2. Type of Applicant / Recipient	
Applicant Name	Shawnee County, Kansas	A. City	
Organization Unit	Dept. of Public Works	B. County	
Street / PO Box	1515 NW Saline, Suite 200	C. Other (Specify)	
City	Topeka		
County	Shawnee	Enter Appropriate Letter	B
State / Zip code	Kansas 66618-2867		
Contact Person Name	Tom Vlach		
Telephone Number	785-233-7702, ext. 6077		
3. Title of applicants project		Sherwood Pumping System Improvements	
4. Type of Project		Collection System Improvements	
5. Employer Identification Number			
6. Area of project impact (Names of cities, counties, etc)		Sherwood Lake	
7a. Congressional District / Applicant		2	
7b. Congressional District / Project		2	
8. Type of change		Increase dollars	\$ -
		Decrease dollars	\$ -
9. Proposed Funding			
SRF Loan 9a.	\$ 2,500,000	10. Project Start Date 08/00/09 (Estimated) 11. Project Duration 15 (Months) 12. Date Submitted 10/00/10 (To KDHE)	
Applicant 9b.	\$ 1,000,000		
CDBG 9c.	\$ -		
EPA 9d.	\$ -		
EDA 9e.	\$ -		
Other 9f.	\$ -		
Total	\$ 3,500,000		
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		Signature	
Name	Vic Miller		
Title	County Commission Chair		
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: Brenda Diegel Administrative / Finance Section, Suite 420 1000 SW Jackson Street Topeka, KS 66612-1367 785-296-4262	



**SHERWOOD PUMPING SYSTEM IMPROVEMENTS
SHAWNEE COUNTY, KANSAS**