

July 8, 2009

Susan D. Pekarek
Johnson County Wastewater
4800 Nall
Mission, KS 66202

RE: Johnson County Wastewater Douglas L. Smith Middle Basin Treatment Plant Solids
Improvements & Cogeneration Project Contract 19

Dear Ms. Pekarek,

The Kansas Geological Survey (KGS) has received your letter dated June 29, 2009,
requesting environmental review comments for the above referenced project.

A review of regional geologic information and project information provided with the request
indicates that there are no unduly adverse geologic conditions that should affect this project.
Site-specific conditions may need to be considered prior to commencement of the project. A
completed request-for-comments form is enclosed.

This assessment was based on regional geologic and project information available to the
KGS at the time of the review and should not be used for a detailed site characterization.
Other geologic conditions, not discussed herein, or for which the KGS has no knowledge,
may affect the feasibility of this project. It is the responsibility of the applicant to provide
any necessary site characterizations, geotechnical or environmental testing, or design by a
licensed professional geologist or engineer to complete the project.

If you have questions please do not hesitate to contact me at my office (785 864-2068).

Sincerely yours,



P. Allen Macfarlane

July 31, 2009

Susan D. Pekarek
Johnson County Wastewater
4800 Nall Avenue
Mission, KS 66202

RE: Johnson County Wastewater Douglas L. Smith Middle Basin Treatment Plant Solids
Improvements & Cogeneration Project, Contract 19

Dear Susan:

I have reviewed the information provided for the above reference project and checked the
appropriate item below.

☒ I do not have any comments or questions. This agency gives clearance as required by
Kansas Department of Health and Environment (KDHE) for the Kansas Water Pollution
Control Revolving Loan (KWPCRL).

☐ I am requesting additional information and /or have questions/comments about this
project. See attached.

Signed,

P. Allen Macfarlane
Name

7/8/09
Title

KS Geological Survey
Agency

June 29, 2009

Dr. William Harrison
Kansas Geological Survey
KU - 1930 Constant Avenue Campus West
Lawrence, KS 66047

RE: Johnson County Wastewater Douglas L. Smith Middle Basin Treatment Plant Solids Improvements and Cogeneration Project, Contract 19

Dear Dr. Harrison:

Johnson County Wastewater (JCW) has applied for a Kansas Water Pollution Control Revolving Loan (KWPCRL) for the above referenced project at the Douglas L. Smith Middle Basin Treatment Plant (Middle Basin Plant). A copy of the application is enclosed for your reference. In accordance with K.A.R. 28-16-137, the Kansas Department of Health and Environment (KDHE), as the granting agency, must prepare an "environmental clearance document". It is the responsibility of the of the loan recipient, JCW in this case, to obtain the necessary clearance/comments in writing from the necessary agencies involved in the intergovernmental review process.

The referenced JCW project will be constructed at the Middle Basin Plant site, located at 10001 College Boulevard, Overland Park, Kansas. The following exhibits are enclosed for your reference:

- Area map of the Middle Basin Plant including the existing effluent discharge location
- A figure illustrating the existing Middle Basin Plant as well as facilities to be added for this project.

The purpose of this project is to:

- ✓ Expand solids processing capacity to match the liquid treatment capacity expansion currently under construction as well as provide capacity to receive solids from the Blue River Main Treatment Plant until solids facilities are constructed at that plant
- ✓ Provide a fats, oils, and grease (FOG) receiving station to haulers for restaurant grease trap waste and industrial food processing waste
- ✓ Provide cogeneration facilities to recover digester gas (methane) and produce electrical power to be used onsite by the Middle Basin Plant facilities

This project includes installation of:

- A fourth anaerobic digester
- FOG receiving station
- Cogeneration system
- Gas storage and handling facilities
- Odor control for the FOG receiving station
- Miscellaneous equipment replacement including the grit system and the influent pump station bar screens.

JCW hereby requests review and clearance from your agency as required for the KWPCRL application and construction of these facilities. Please respond by July 31, 2009 using the enclosed response letter and self-addressed stamped envelop. If you have any questions or need additional information, please contact me at 913-715-8553.

Sincerely,

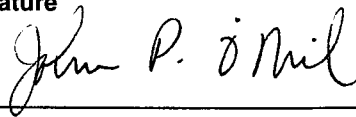
A handwritten signature in black ink, appearing to read "Susan D. Pekarek", with a stylized flourish at the end.

Susan D. Pekarek
Existing Infrastructure Managing Engineer - Treatment

Enclosure

cc: File: IMB1 Co19 Middle Basin Solids Processing B.1

Kansas Department of Health and Environment

APPLICATION FOR SRF LOAN ASSISTANCE		New	Amendment
Project Number	C 20- -	X	
1. Legal Applicant / Recipient		2. Type of Applicant / Recipient	
Applicant Name	Johnson County Board of County Commissioners	A. City	
Organization Unit	Johnson County Wastewater	B. County	
Street / PO Box	11811 S. Sunset Drive, Suite 2500	C. Other (Specify)	
City	Olathe	Enter Appropriate Letter	B
County	Johnson		
State / Zip code	Kansas 66061		
Contact Person Name	Susan Pekarek		
Telephone Number	913-715-8553		
3. Title of applicants project			
Two Projects: Douglas L. Smith Middle Basin Treatment Plant Solids Improvements Project, Contract 19 and Systemwide Energy Efficiency Pre-Design Study			
4. Type of Project			
Solids capacity expansion, cogeneration, FOG receiving; Energy Audit/Pre-Design			
5. Employer Identification Number			48-6034760
6. Area of project impact (Names of cities, counties, etc)			Overland Park/Systemwide
7a. Congressional District / Applicant			3rd
7b. Congressional District / Project			3rd
8. Type of change		Increase dollars	\$ - N/A
		Decrease dollars	\$ - N/A
9. Proposed Funding			
SRF Loan 9a.	\$ 15,800,000	10. Project Start Date	05/18/09
Applicant 9b.	\$ -	(Estimated)	
CDBG 9c.	\$ -	11. Project Duration	18
EPA 9d.	\$ -	(Months)	
EDA 9e.	\$ -	12. Date Submitted	07/01/09
Other 9f.	\$ -	(To KDHE)	
Total	\$ 15,800,000		
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 07/01/09	
15. Certifying Representative		Signature	
Name	John P. O'Neil		
Title	General Manager, Johnson County Wastewater		
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	

Other documentation not scanned.
Available in open file.