



KRAMER ENGINEERING, P.A.

CONSULTING ENGINEERS • SURVEYORS

2348 SW TOPEKA BLVD • TOPEKA, KANSAS 66611 • 785-234-6600 • FAX 785-234-6611

September 21, 2005

Donald Whittemore
Kansas Geological Survey
University of Kansas
1930 Constant Ave. – Campus West
Lawrence, KS 66047

Re: Environmental Review for Wastewater Collection and Treatment Project
City of Opolis, Kansas

Dear Mr. Whittemore:

The purpose of this letter is to address the comments we received from your review from regarding the above referenced project (see attached copy). You commented that the specific stream that will receive the treated wastewater discharge from the City of Opolis' new treatment facility was not mentioned in the project information.

The attached map shows the proposed location of the new wastewater treatment facility, which will likely discharge to Taylor Branch. The Taylor Branch runs southwesterly to Cow Creek. We are not aware of any particular designations of these waterways with respect to drinking water sources, aquatic wildlife, etc.

Please contact me if you have any further comments or questions regarding the reference project.

Sincerely,

KRAMER ENGINEERING, P.A.

Cara C. Hendricks, P.E.
Project Engineer

CCH/cs

INTERGOVERNMENTAL REVIEW TRANSMITTAL FORM

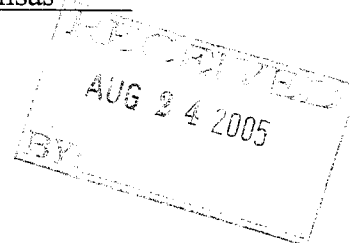
Comments By: Kansas Geological Survey

Transmittal Date August 4, 2005

Project Title: Wastewater Collection and Treatment, City of Opolis, Kansas

Contact Person: Michael Kramer, P.E. 785-234-6600

Return To: KRAMER ENGINEERING, P.A.
2348 SW Topeka Blvd.
Topeka, Kansas 66611-1286



This form provides notification and the opportunity for your agency to review and comment on the proposed project as required by Executed Order 12372. Please complete Parts I and II as appropriate. Your response by September 4, 2005 will be appreciated.

PART I - AGENCY REVIEW COMMENTS:

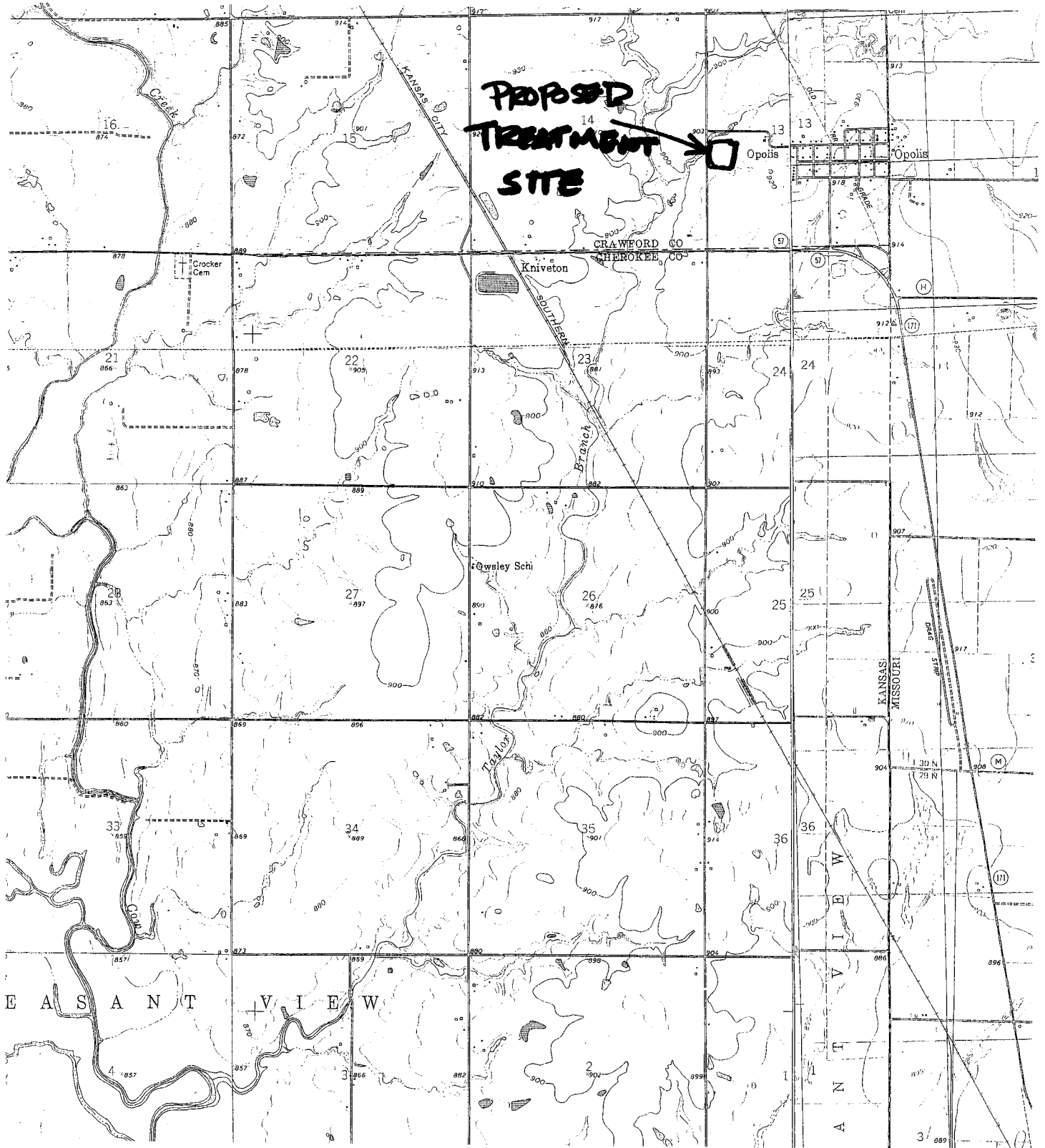
There is no mention of what stream will receive the treated wastewater discharge. The specific stream receiving the treated effluent should be considered in terms of potential impact on water quality if the stream has a particular designation relative to drinking water source, aquatic wildlife, etc. In general, the long-term benefits of improved treatment of wastewater for the community and receiving streams should offset adverse impacts during construction.

PART II - RECOMMENDED ACTION COMMENTS:

- ☒ 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.
- ☐ Clearance of the project should not be delayed, but the Applicant should (in final design and/or permit application) address and clarify the questions or concerns indicated above.
- ☐ Request the opportunity to review final application prior to submission to the federal funding agency.
- ☐ Request the State Process Recommendation in concurrence with above comments.

Reviewer's Name: Donald Whitmore

Date: 8/23/05



INTERGOVERNMENTAL REVIEW TRANSMITTAL FORM

Comments By: Kansas Geological Survey

Transmittal Date August 4, 2005

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Contact Person: Michael Kramer, P.E. 785-234-6600

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WASTEWATER COLLECTION AND TREATMENT COMMUNITY OF OPOLIS, KANSAS

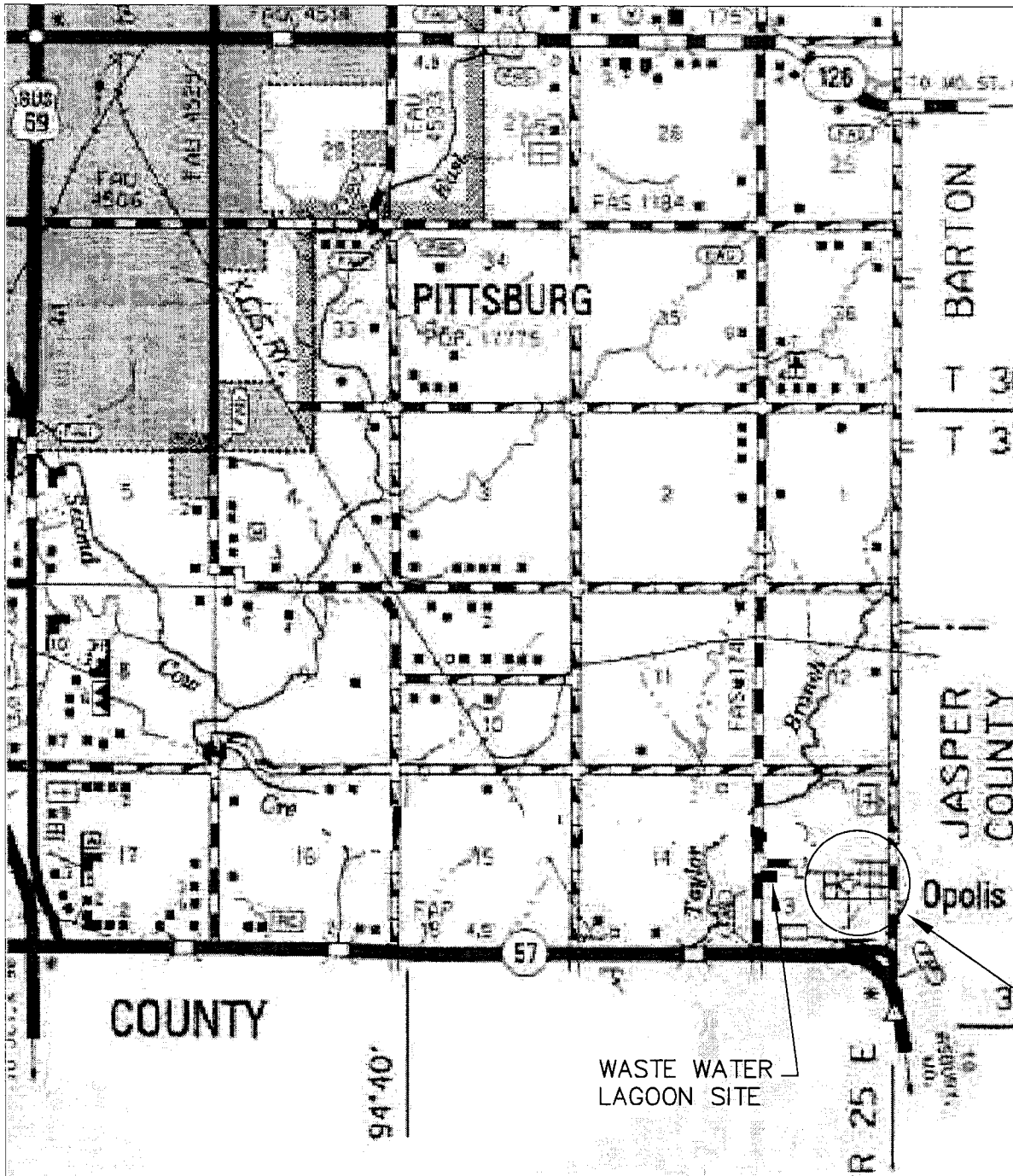
August 4, 2005

The Community of Opolis is located in the southeastern part of Crawford County north of U.S. Highway 57. The Community is approximately 4 miles southeast of Pittsburg adjacent to the Kansas-Missouri border and has a population of 145 persons, as reported in current records. Existing Wastewater service for the community consists of individual septic tanks and lateral fields. There are no industries or other businesses in Opolis, that contribute wastewater having a significant bearing upon sewage flow or treatment.

Current onsite disposal systems used in Opolis consist of septic tank/lateral fields, cesspools, surface discharges to ditches and/or yard areas and discharges to abandoned wells. The majority, 79% to 80% of the 57 homes in the community are experiencing failures of their onsite treatment systems. The inadequate/failing wastewater disposal systems have wastewater discharges which do not comply with the Clean Water Act, State regulations and Crawford County Sanitation Code.

Several alternates have been evaluated for public sewers and treatment for Opolis. The selected alternate is to provide individual sewer collection by a gravity sewer system. The collected water will be treated in a three (3) cell discharging waste stabilization pond located as shown on the attached map.

The opinion of probable project cost is \$1,034,885. Crawford County Commissioners plan to finance the project for the Community of Opolis with grant and loan funds from Rural Development and CDBG grant funds from Kansas Department of Commerce.



NO SCALE

SITE LOCATION MAP



KRAMER ENGINEERING, P.A.
TOPEKA, KANSAS

JOB NO. 0510	DATE August 2, 2005	SHEET 1 OF 1
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August 4, 2005

Re: Wastewater Collection and Treatment
Community of Opolis, Kansas

Dear Addressee:

Enclosed for your comments are Intergovernmental Review Forms for the referenced project with attached project description and site location map. Please complete the transmittal form and return it to our office by September 4, 2005.

Crawford County Commissioners are preparing an application to Rural Development and Kansas Department of Commerce for a loan and grants for the referenced project for the Community of Opolis. This project will comply with appropriate state laws concerning the application.

If you have any questions about the review or the project, please contact me at (785) 234-6600.

Sincerely,

KRAMER ENGINEERING, P.A.

Michael E. Kramer es

Michael E. Kramer, P.E.
President

MEK/aa

Enclosures