

**Proposed Project for Application to the Kansas Department of Health and Environment
for the Kansas Water Pollution Control Revolving Loan Fund.**

Applicant: Leavenworth County
Wastewater Collection System Improvements
Contact Person: Mike Goetz, Wastewater Supervisor
Address: Courthouse, Suite 16
300 Walnut
Leavenworth, KS 66048

Sent to the Kansas Geological Survey for environmental review.

Agency Review Comments:

Any short-term adverse effects from construction of the facilities should be outweighed by the long-term benefits of the improvements to the wastewater collection system.

The project includes closing of a lagoon. There is no indication of whether the sludge from the lagoon will be left or removed. The Kansas Department of Health and Environment should be contacted for the appropriate procedure for closing a lagoon.

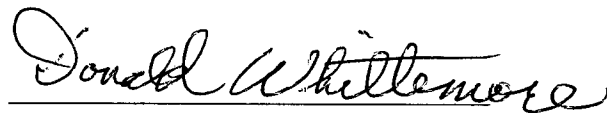
Recommended Action:

- ☒ 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 O. Whittemore
Reviewer's Name

Geohydrology Section, Kansas Geological Survey
Division/Agency

1/27/03
Date


Reviewer's Signature

Note: The request for environmental review was sent to Dr. Lee Gerhard, former Director of the Kansas Geological Survey. The current Director is Dr. Lee Allison, who became director in July 1999.

Board of Leavenworth County Commissioners

Courthouse 300 Walnut
Leavenworth, Kansas 66048
Phone: 913-684-0417

December 10, 2002

Dr. Lee Gerhard
Kansas Geological Survey
University of Kansas
1930 Constant Ave
Campus West
Lawrence, Kansas 66047

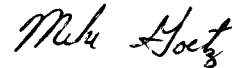
Dear: Dr. Gerhard,

Leavenworth County is applying project financing for a wastewater collection improvement to an existing treatment system from the Kansas Water Pollution Control Revolving Loan Fund. We are writing you to obtain the required environmental clearance for our project. Attached to this letter is the description and location of our project. We appreciate your prompt review of this project and would ask you to send the appropriate clearance letter to our Wastewater Supervisor at the following address:

Mike Goetz Wastewater Supervisor
Courthouse, 300 Walnut, Suite 16
Leavenworth, Kansas 66048
Phone: 913-680-2846

Thank you for your time and consideration. If you should have any questions, please feel free to call me at 913-684-0417.

Sincerely,



Mike Goetz
Wastewater Supervisor

Board of Leavenworth County Commissioners

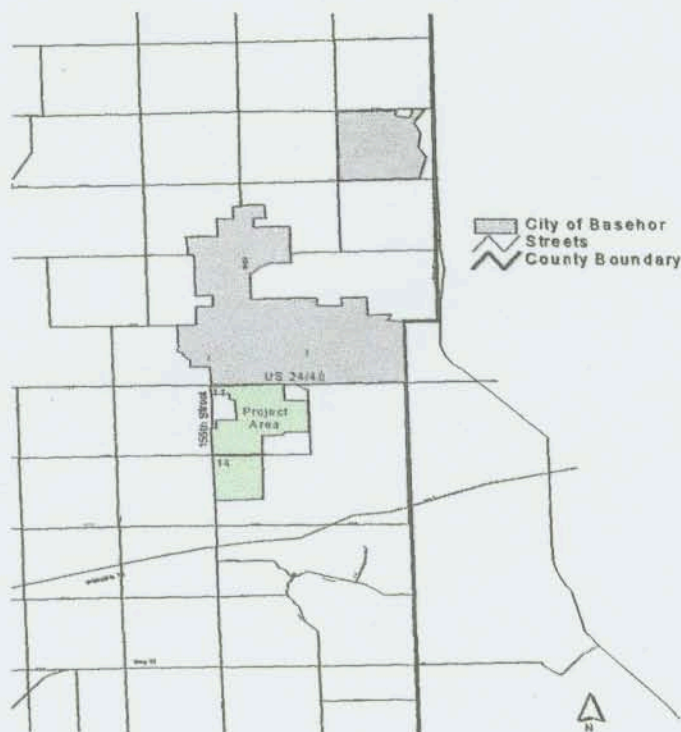
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Location of Project

The project is located in southeast Leavenworth County within the sewer service area of the City of Basehor. The legal description of the area is most of Section 11, T11S, R22E and the NW ¼ of Section 14, T11S, R22E. The site is located south of US Highway 24/40 and east of 158th Street. See site location maps below.



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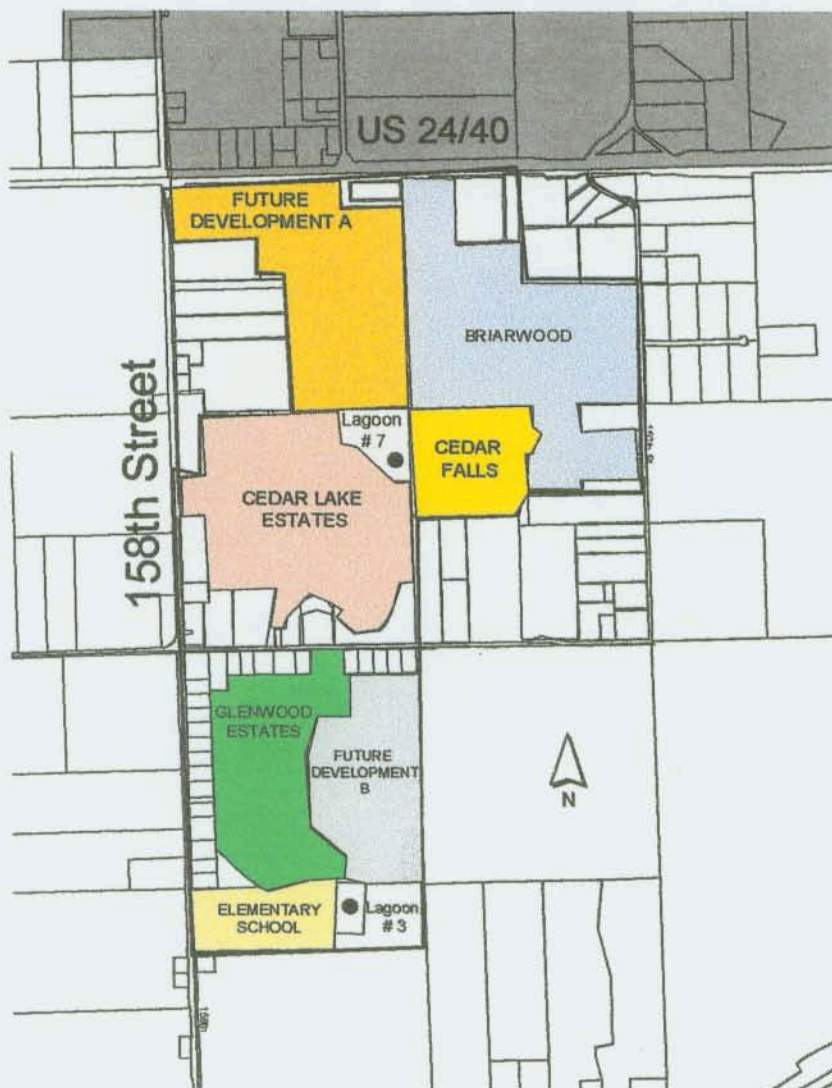
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Project Description

This project involves the connection of several existing and proposed developments to the new treatment plant in the City of Basehor. The developments to be connected include these existing developments: the 115 home Cedar Lake Estates Subdivision; the existing 98 home Glenwood Estates Subdivision; the 108 home Briarwood Estates Subdivision; and an elementary school and the future 54 home Cedar Falls Subdivision; a future 106 lot residential development (Future Development B below); and a future mixed residential and commercial development (Future Development A below). There are two lagoons serving the existing developments. These lagoons will be closed after connection to the treatment plant has been established.



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The project will include the following infrastructure improvements (See map below outlining the locations of each listed component of the improvements).

- A gravity main will connect Future Development A to a lift station # 1.
- Cedar Lakes Estates existing grinder pump system will be connected by a gravity line to lift station # 1.
- Cedar Falls will develop a gravity system to lift station # 1.
- Glenwood Estates existing grinder pump system will be connected to lift station # 2 directly or through a gravity system in Future Development B. Lift station # 2 will be connected by force main to lift station # 1.
- Future Development B will develop a gravity system to lift station # 2.
- Briarwoods will be gravity sewered in the future and drain into lift station # 1.
- Lift station # 1 will be connected by force main through Future Development A to the Basehor trunk line located at US 24/40.

The maps below depict the proposed improvements on a property map, USGS quad map, and on an aerial photograph of the project area. All improvements will be going through either already developed property or land that is planned for development. Land uses are either single family residential or vacant land. The Cedar Falls site is vacant grassland. Future Development A site is a sparsely vegetated with a mixture of trees and shrubs. Future Development B site is covered with a dense wooded area in the north and grasslands in the south. No major or minor creeks are affected by the project. No riparian areas will be destroyed during construction. No critical wildlife areas are located within the project area. This requested funding is for the engineering costs to perform the design and construction engineering. A second request will be made for actual construction costs once the design has been completed and actual costs determined. Leavenworth County has contracted with Ponzer-Younquist for the following engineering costs:

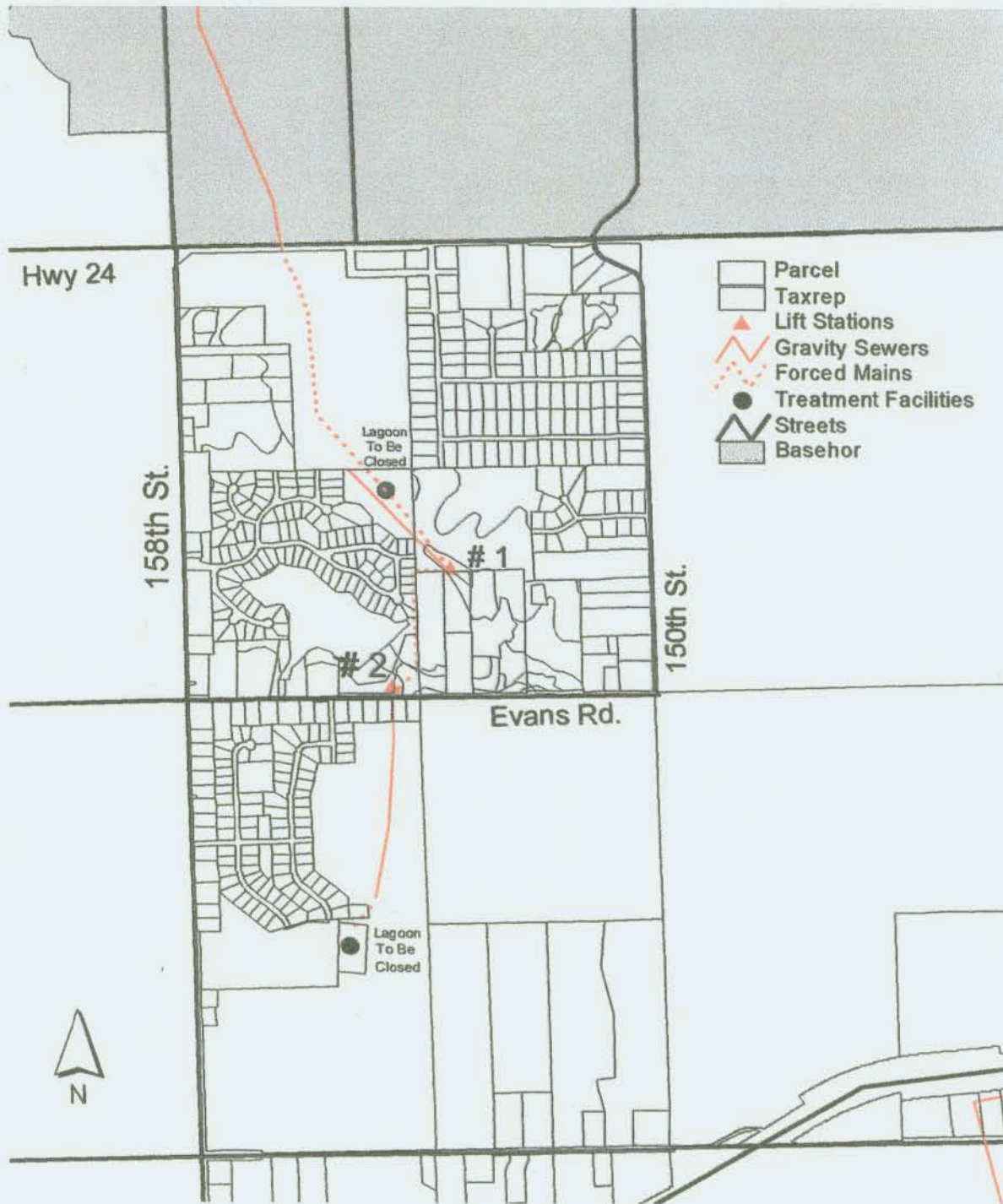
Preliminary Design	\$ 5,000.00
Final Design	\$ 87,000.00
Bidding Phase	\$ 3,900.00
Construction Period Gen.Services	\$ 13,000.00
Construction Staking	\$ 31,500.00
Representative Services	\$ 82,000.00
 Total Services	 \$222,400.00

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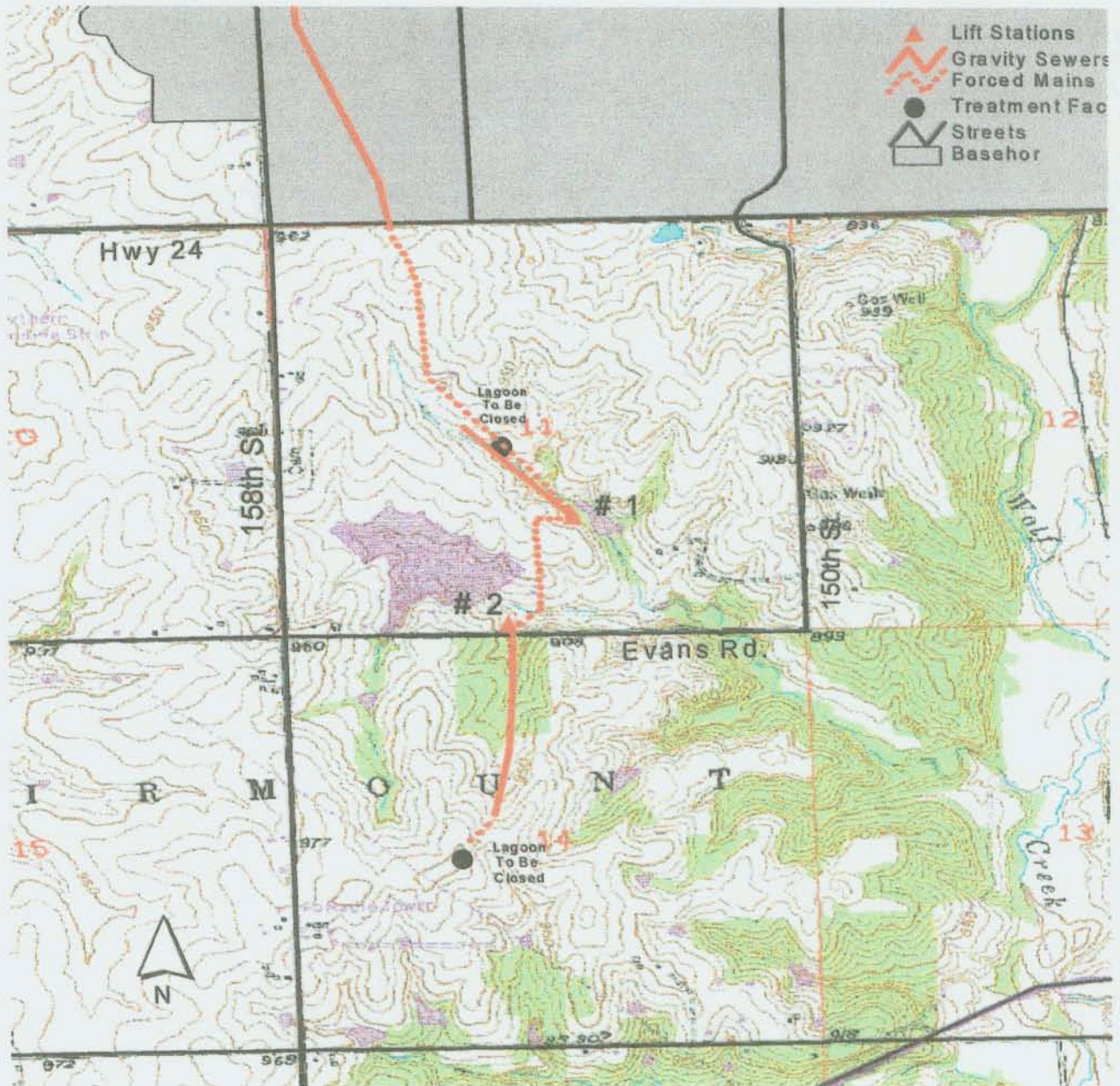


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