

## Environmental Determination

### MEMORANDUM

**TO:** File

**FROM:** Jessica Zuba, Director, Regional Water Planning and Development

**DATE:** September 8, 2015

**SUBJECT:** City of Iola, Grimes County, Texas  
Environmental Determination  
Sanitary Sewer System Project  
Economically Distressed Areas Program, Project No. 10422 (G110021)

The attached memorandum contains the staff's views regarding the environmental soundness of the wastewater system project proposed by the City of Iola (City), Grimes County, Texas, located approximately 14 miles northeast of College Station. This project will utilize planning funds from grant G110021 from the Economically Distressed Areas Program. The Texas Water Development Board (TWDB) committed funds for this project on August 18, 2011, in the amount of \$235,000. The City closed the grant on April 3, 2012.

This project would provide first-time centralized wastewater service to 400 residents throughout developed sections of the City. Currently, all residents utilize on-site sanitary sewer facilities, many of which are inadequate or failing. On February 21, 2011, the Texas Department of State Health Services determined that a nuisance to public health and safety existed within the community because of these deficiencies. To ensure adequate wastewater collection and treatment, the City proposes to establish a new system to serve its 400 residents.

The new wastewater system would include: 1) approximately 50,000 feet of 6- to 8-inches diameter gravity collection pipelines; 2) 8,000 feet of 2- to 4-inches diameter force mains; 3) five lift stations; 4) 175 manholes; and 5) a mechanical wastewater treatment plant with a capacity of 100,000 gallons per day, to be constructed on a 13.5-acre tract of land owned by the City (see attached maps). The treatment plant would primarily provide clarification, extended aeration, and chlorination/disinfection and would meet Texas Commission on Environmental Quality effluent requirements for the receiving stream.

Based on the TWDB staff's environmental review, I have determined that no significant adverse environmental impacts should result from the proposed project discussed in the attached Environmental Determination. As required by 31 Texas Administrative Code §363.14, full consideration has been given to the views and comments of the requisite regulatory agencies and affected persons. Based on this review, the following conditions have been developed in order to ensure that this TWDB funded project is environmentally sound and will not have any adverse impacts on the quality of the human environment or protected natural resources:

- Compliance with the terms and conditions of Nationwide Permit 12 for Utility Line Activities, issued by the United States Army Corps of Engineers (permit expiration date: March 18, 2017), including water quality certification conditions of the Texas

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Commission on Environmental Quality;

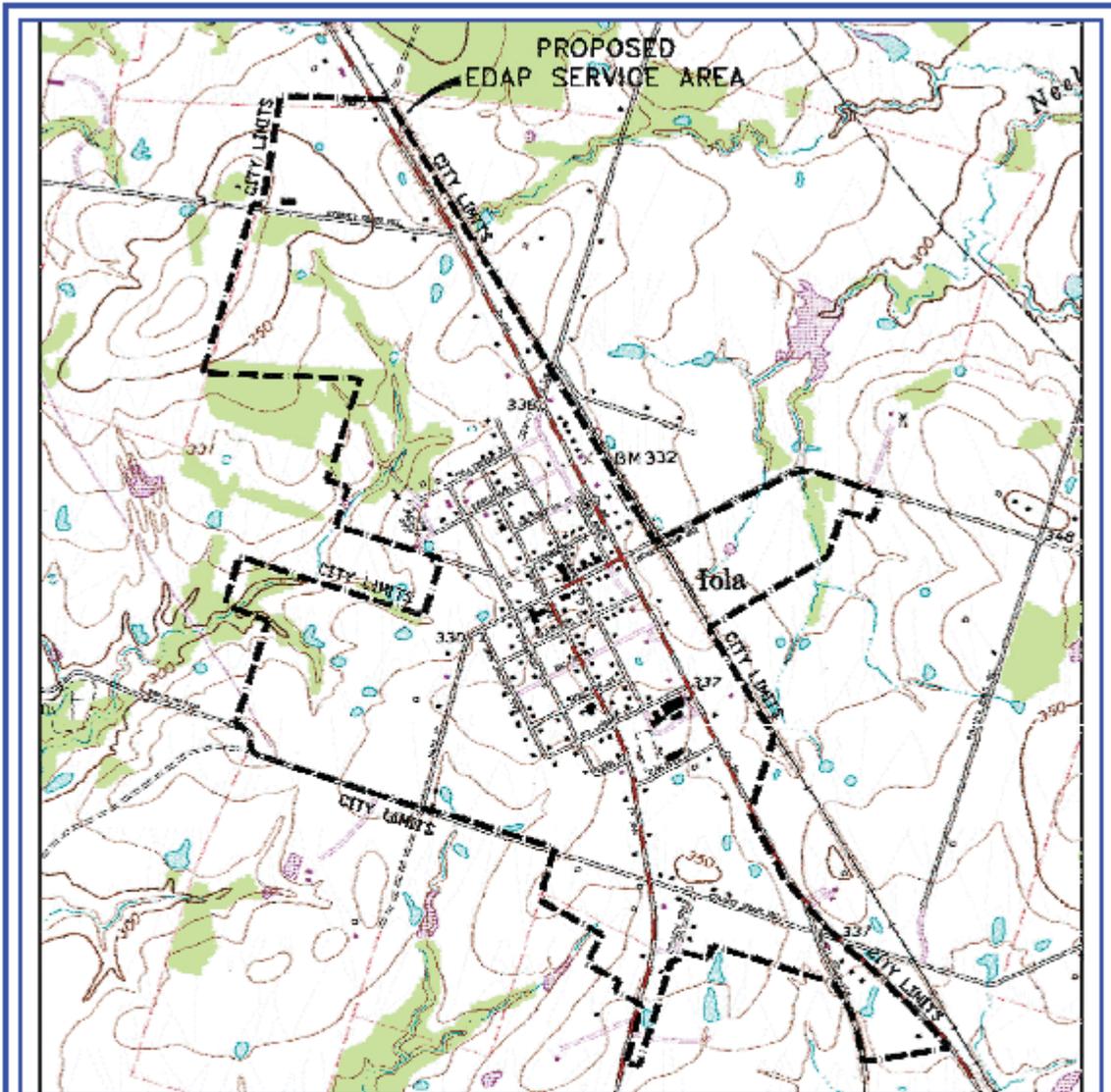
- Standard emergency condition for the discovery of cultural resources; and
- Standard emergency condition for the discovery of threatened or endangered species.

With these conditions, the specified project elements above are environmentally sound.

Enclosures



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**Image Source:**

Drawing adapted from USGS Map provided by Jones & Carter, Inc.

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**USGS Topographic Map Showing Town Boundaries and Limits of Proposed Project**

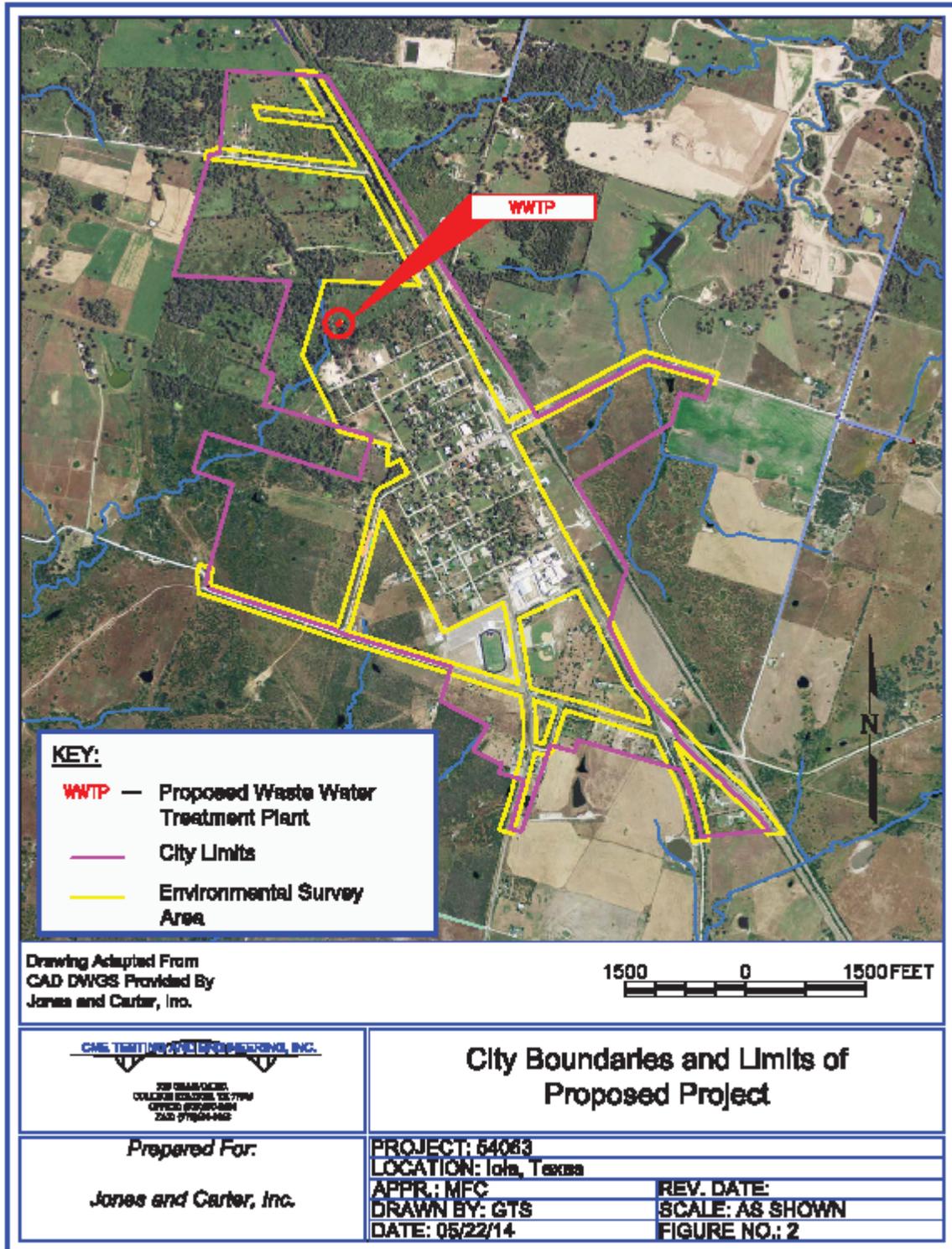
**Prepared For:**



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<b>Project: 54083</b>	
<b>Location: Iola, Texas</b>	
<b>Approved By: MFC</b>	<b>Revision Date</b>
<b>Drawn By: GTS</b>	<b>Scale: As Shown</b>
<b>Date: 05/22/14</b>	<b>Figure Number: 2</b>

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