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for 5/26 CC
as A/R JR

May 15, 2020

James Oakley, County Judge
Burnet County Courthouse
220 S Pierce Street
Burnet, Texas 78611

**Re: Project Notification - Please Review – No Response Required
City of Bertram Wastewater Treatment Plant Replacement Project
Texas Water Development Board Application CWSRF PIF 13222
SWCA Project Number 60346**

Dear Judge Oakley:

The City of Bertram in Burnet County, Texas is pursuing federal funding through the Texas Water Development Board's (TWDB) Clean Water State Revolving Fund for their proposed Wastewater Treatment Plant Replacement Project. SWCA, through Utility Engineering Group, PLLC, is assisting The City of Bertram and TWDB with preparing an environmental analysis of the proposed project.

Attached to this letter is a document containing general contact information, project description, and project maps. A copy of the full Environmental Information Document (EID), which includes background environmental information and a robust analysis of potential impacts, is available upon request.

If you have any questions or need any additional information, please contact me at 210.361.0297 or at cwesternman@swca.com.

Respectfully yours,

Christine Westerman
SWCA Project Manager

Project 60346

Enclosures: EID Section 1 (General Information), Section 3 (Project Description) and Appendix A (Standard Maps)

Section 1: General Information

Authority (Loan Applicant):	City of Bertram
TWDB Project No:	73884
Project Name:	City of Bertram Wastewater Treatment Plant Replacement
Counties where project activities will occur:	Burnet County

Funding Source/ Loan Number:	Clean Water State Revolving Fund	/ PIF 13222 / /
Total Estimated Project Costs:	\$4,750,000	
TWDB Funded Phases:	☒ Planning ☒ Acquisition ☒ Design ☒ Construction	
Other Funding Source(s):		
Consultant Project Name/Number (if applicable):	City of Bertram Wastewater Treatment Plant Replacement/ SWCA Project 60346	
Primary Contact for questions concerning the EID:	Company:	SWCA Environmental Consultants
	Contact Person:	Christine Westerman
	Mailing Address:	4949 N Loop 1604 W, Suite 235, San Antonio, TX 78249
	Phone:	210-877-2847
	Email:	cwesterman@swca.com
Project Engineer:	Company:	Utility Engineering Group, PLLC
	Contact Person:	Garry Montgomery, P.E.
	Mailing Address:	191 N. Union Avenue, New Braunfels, TX 78130
	Phone:	830-214-0521
	Email:	garrym@uegpros.com
List of Preparers: 1. Christine Westerman 2. Jeffrey Fox 3. Debbie Duran 4. Chris Shelton		

Section 3: Project Description

Preferred Action Alternative

For the purposes of this document the project site includes all areas that will be disturbed by the project, including construction staging area(s). The project area includes surrounding areas which may, directly or indirectly, be impacted by the project.

1. Background: Briefly describe the existing system (e.g., treatment processes, capacity of treatment plant, annual average and peak demand flows, etc.).

The City of Bertram proposes to construct a replacement wastewater treatment plant (WWTP) on an approximately 2.03-acre City-owned property adjacent to the existing WWTP property. The proposed new WWTP will replace the existing lagoon-type WWTP to increase capacity, provide better treated water quality, reliability, and be more economical to maintain.

2. Project Location: Briefly describe the project location (e.g., new undeveloped site, existing treatment plant site, undeveloped portion of an existing site, site adjacent to existing facilities, currently owned, acquisition required, etc.).

The project consists of the construction of new replacement WWTP. Existing land use of the project area is undeveloped rural rangeland, with the existing City of Bertram WWTP facilities located just south of the proposed replacement plant. The property for the proposed facility is currently owned by the City of Bertram; no additional land acquisition will be required.

Latitude/Longitude: Project center: 30.7473340, -98.0828670

Project Address (if applicable): 2110 State Highway 29, Bertram, Texas 78605

3. Project Need & Purpose: What need does the project address? (e.g., improve water quality, increase capacity, inadequate system or system components, increase treatment due to more stringent effluent limits, linear work, etc.)

The purpose of this project is to replace the existing lagoon type WWTP. The new plant will increase capacity, provide better treated water quality reliability and will be more economical to maintain. The existing lagoon system gets filled with silt over time and requires complete draining, dredging, liner repair and proper disposal of the solids. This is costly and time consuming. Since the collection system has grown it has become much more difficult to take any of the units off for maintenance and provide the required treatment volume for the system with a pond offline.

Is the proposed project being pursued in response to a compliance order? No

Section 3: Project Description

Preferred Action Alternative

4. Project Description: Description should include project costs, design year and design population.

WWTP Replacement Project cost: \$4,750,000. The design year is 2040. The current service area population is 1,740, and the design population in 2040 is 2,947.

Is the proposed project part of a larger project? ☐ Yes ☒ No

If the proposed project is one phase of a larger project, describe the duration and purpose of the larger project.
N/A

5. Waste Disposal: Does the project require sludge/soil/waste disposal?

☒ Yes ☐ No

If yes, identify the location(s) and method(s) of disposal:

Sludge and treated effluent will be disposed of through land application.

6. Project Components: Provide a bulleted list (e.g. install 1,000 linear feet of new 6-8 inch pipeline in existing ROW and easements from the outfall structure in Lake X to the WTP, install new 300,000 gallon ground storage tank at the WTP, demolish existing chemical storage building, etc.).

- Package Treatment Plant with steel basins
- Three (3) aeration basins
- One (1) clarifier
- Two (2) digester basins
- Disk filter assembly in steel basin
- One (1) chlorine contact basin
- Yard piping
- Access road

7. Project Magnitude:

i. Current population of service area: 1,740

ii. Anticipated population of service area in 20 years: 2,947

iii. Will the proposed project service the entire population increase?

☒ Yes ☐ No

8. Project Schedule:

Anticipated Completion of Environmental Review: 9/14/2020

Completion of Acquisition: Completed

Completion of Permitting: 10/15/2020

Completion of Design: 11/9/2020

Start of Construction: 2/1/2021

Construction Completion: 3/17/2022

Section 3: Project Description

Preferred Action Alternative

9. **Project Costs:** Provide an estimate of the cost of the project. \$4,750,000

10. **Other Projects:** Provide a description of any other projects in progress that may be affected by the proposed project (e.g., TxDOT plans for Road Construction, etc.).

The City of Bertram has initiated planning and design of an expansion of its existing water transmission line pipeline. The project consists of approximately 12.18 miles of water transmission pipeline replacement/extension (54,200 linear feet of 16-inch water transmission main and 10,100 linear feet of 12-inch water main) using existing easements near Morman Mill Rd., County Road 330 and FM 243, terminating at the City's existing elevated storage tank off East Vaughn Street and the existing wastewater treatment plant off State Highway 29.

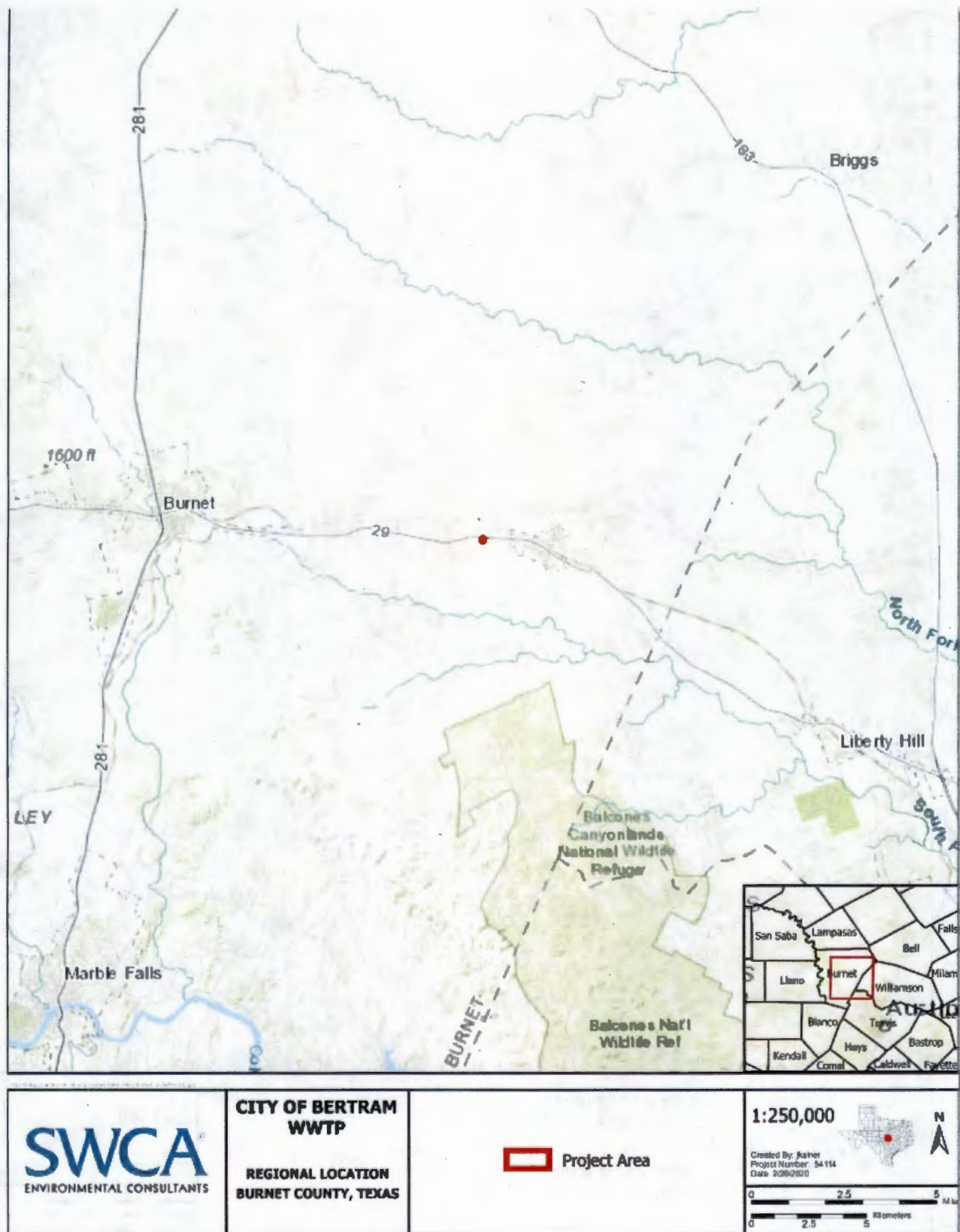


Figure A-1. Project Regional Location Map.



Figure A-2. USGS Topographic Map for Preferred Alternative.



Figure A-3. Project Footprint on Aerial Photograph.



Figure A-4. Project Geologic Map.



Figure A-5-1. Project Floodplain and National Wetlands Inventory Map.