

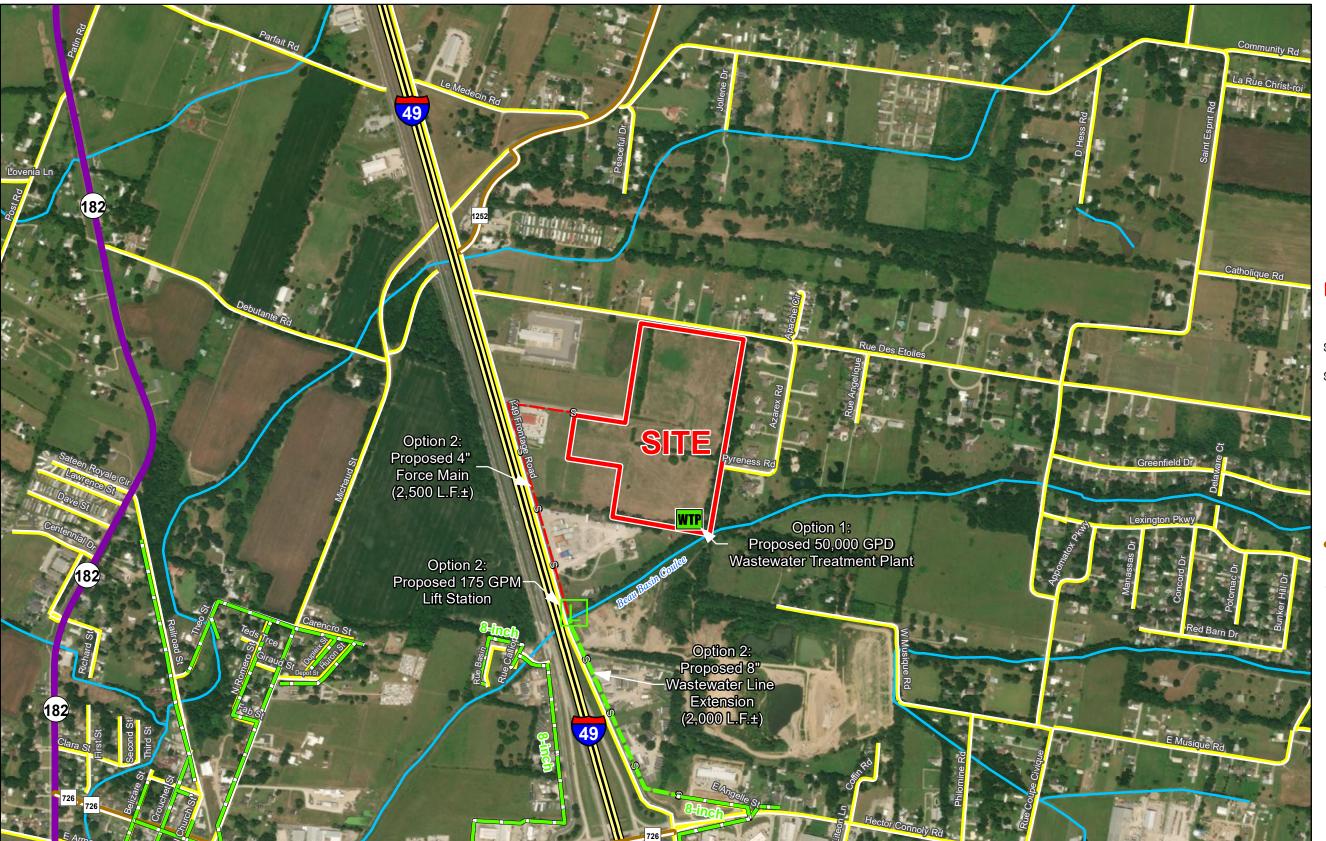
Exhibit M. Cenac Park Wastewater Infrastructure Upgrade & Map





LAFAYETTE ECONOMIC DEVELOPMENT AUTHORITY

Cenac Park Wastewater Infrastructure Upgrade Letter & Map



Cenac Park Lafayette Parish, LA

One Acadiana





Site Boundary (38.45 ± Ac.)

City of Carencro Wastewater

Proposed 4" Force Main

Proposed 8" Wastewater

Proposed 175 GPM Lift Station

Proposed 50,000 GPD
Wasterwater Treatment Plant

Major Roads

Interstate

Urban State Highway

Rural State Highway

Local Roads

Stream



Date:	6/25/2020
Project Number:	214002
Drawn By:	KPH
Checked By:	EEB

- 1. No attempt has been made by CSRS, Inc. to verify site boundary, title, actual legal ownership, deed restrictions, servitudes, easements, or other burdens on the property, other than that furnished by the client or his representative.

 2. Transportation data from 2013 TIGER datasets via U.S. Census Bureau at ftp://ftp2.census.gov/geo/tiger/TIGER2013.

 3. 2015 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.

- 4. Lift station location depends on depth of Beau Basin Coulee and the proposed wastewater lines.





Cenac Park Wastewater Infrastructure Upgrade Letter & Map



CSRS, INC. 6767 Perkins Road, Suite 200 Baton Rouge, Louisiana 70808

Phone: (225) 769-0546 Fax: (225) 767-0060

June 30, 2020

Mr. Zach Hager, Director Business Development One Acadiana 804 East St. Mary Blvd Lafayette, Louisiana 70503

Re. Cenac Park Wastewater System Cost Estimate

CSRS Job No. 214002

Dear Mr. Hager:

According to our research, the Cenac Park located in Lafayette Parish, Louisiana does not have existing wastewater infrastructure near the property.

In order to provide a wastewater treatment facility to treat 50,000 gallons per day (GPD), a wastewater treatment facility may need to be constructed on site which would discharge to Beau Basin Coulee that runs through the southeastern portion of the property. Expected discharge limits of BOD₅, TSS, and NH₃, may be (10/15/4) respectively. The construction of this new wastewater treatment facility is estimated to be \$432,000.

Another option is to extend the line to the existing 8-inch City of Carencro wastewater line that lies south of the site. The proposed extension will be about 4,500 linear feet. A proposed 4-inch force main will run from Rue de Cotton Drive, which is the current access road to the site, run along the Interstate 49 Frontage Road to a proposed 175 GPM lift station at Beau basin Coulee, and the rest of the extension will be a proposed 8-inch gravity sewer line to tie into the existing 8-inch City of Carencro wastewater line. The construction of this option is estimated to be \$570,000. After preliminary discussions with the City of Carencro, excess wastewater capacity may be limited. They do not have plans to extend wastewater services at this time but depending on the amount of water usage and subsequent sewer load there may be an opportunity to extend the system.

Please note that these estimates do not include engineering, rights of way acquisition, environmental impacts and permitting or operation and maintenance costs. This cost estimate was prepared with the best information available at the time of certification. The actual costs can vary based on the availability of material, site conditions and labor availability. Both plans can be executed within a reasonable timetable of 180 days based on preliminary engineering judgment.

Thank you for the opportunity to assist you in this project. Should you have any questions or require additional information, feel free to contact me.

Sincerely,

CSRS, Inc.

Taylor M. Gravois, PE, PLS



Cenac Park
Wastewater Cost Estimate - Option 1
Job No. 214002

Rough Order of Magnitude Cost Estimate								
Item No.	Description	Unit	Est. Quantity		Unit Price		Extension	
1	50,000 GPD Avg. Daily Flow Wastewater Treatment Plant with Influent Pump Station ₄	Each	1	\$	350,000.00	\$	350,000.00	
2	Ductile Iron Fittings	Tons	1	\$	8,850.00	\$	8,850.00	
					Subtotal:	\$	358,850.00	
20% Contingency 1:							x 1.20	
Rough Order of Magnitude (ROM):						\$	432,000.00	

Footnotes:

- 1.) Does not include costs for engineering, permitting, or general project management.
- 2.) This cost estimate was prepared with the best information available at the time of certification.
- 3.) Actual costs can vary based on availability of material, site conditions, and labor.
- 4.) Wastewater Treatment Plant capacity based on LED required minimum capacity of 50,000 GPD.

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Cenac Park
Wastewater Cost Estimate - Option 2
Job No. 214002

Rough Order of Magnitude Cost Estimate								
Item No.	Description	Unit	Est. Quantity		Unit Price		Extension	
1	8-inch Wastewater Line Extension	L.F.	2,000	\$	100.00	\$	200,000.00	
2	175 GPM Lift Station₅	Each	1	\$	150,000.00	\$	150,000.00	
3	4" C900 PVC Force Main	L.F.	2,500	\$	50.00	\$	125,000.00	
					Subtotal:	\$	475,000.00	
20% Contingency 1:							x 1.20	
Rough Order of Magnitude (ROM):							570.000.00	

Footnotes:

- 1.) Does not include costs for engineering, permitting, or general project management.
- 2.) This cost estimate was prepared with the best information available at the time of certification.
- 3.) Actual costs can vary based on availability of material, site conditions, and labor.
- 4.) Does not include costs for boring or a siphon underneath Beau Basin Coulee.
- 5.) Lift station cost depends of type of development, land use, and what the flow is that exits the site.

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