



Exhibit M. Rebecca Development Park South Wastewater Infrastructure Upgrade Letter & Map



Rebecca Development Park South Wastewater Infrastructure Upgrade Letter & Map

Rebecca Development Park South Terrebonne Parish, LA







LEGEND

Site Boundary

Existing On-Site 25,000 GPD Wastewater Treatment Plant

Existing 8" Gravity Wastewater Line

Proposed 225,000 GPD
Wastewater Treatment Plant

Proposed 250,000 GPD
Wastewater Treatment Plant

S→ Proposed 6" Discharge Line

Existing Roadway

US Highway

Rural State Highway

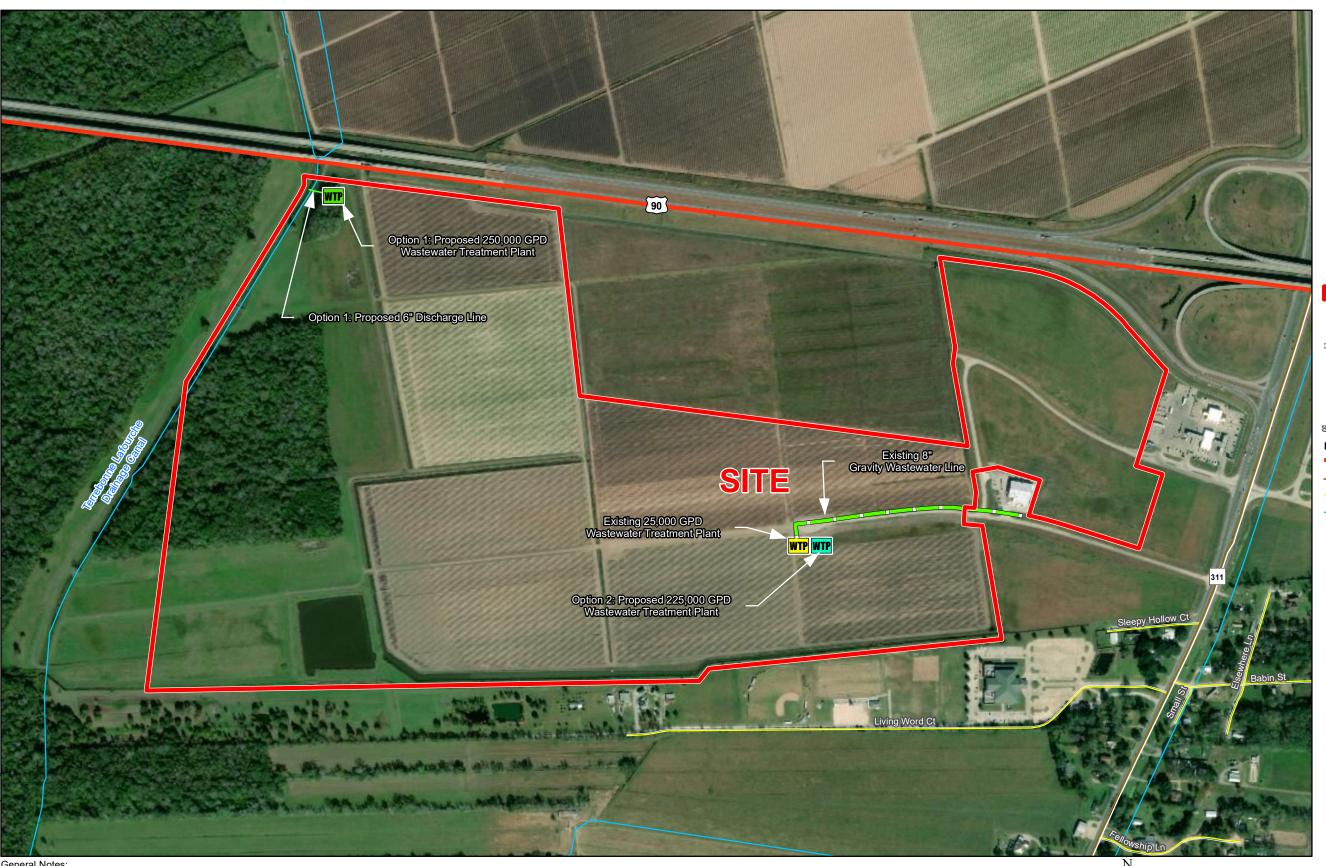
Local Roads

Stream

Date:	6/25/2019
Project Number:	213151
Drawn By:	DWC
Checked By:	EEB



Scale 1:7,000



- 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. Proposed wastewater upgrade shown is for representational purposes only, depicting the intent of the cost estimate provided with this exhibit to meet LED minimum requirements, and is subject to revision.

 4. 2015 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.

Rebecca Development Park South 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 24, 2019

Mr. Vic Lafonte President/CEO South Louisiana Economic Council 322 Audubon Ave Thibodaux, LA 70310

Re. Rebecca Development Park South Wastewater System Cost Estimate CSRS Job No. 213151

Dear Mr. Lafonte:

According to local utility providers, the Rebecca Development Park South, located along Highway 311 in Terrebonne Parish, Louisiana has an existing 25,000 GPD wastewater treatment plant on site that has little to no discharge routed to it. In order to provide wastewater treatment to the site an on-site wastewater treatment plant or upgrade to the existing wastewater treatment plant will need to be constructed.

Option 1 to provide wastewater treatment would be to construct new wastewater treatment facilities on site which would discharge to the Terrebonne Lafourche Drainage Canal at the rear of the property. Expected discharge limits of BOD₅, TSS, NH₃, and Phosphorous are 10/10/1/5 mg/L, respectively. The construction cost of this new wastewater treatment facility plus the cost for an effluent pump station to discharge to the Terrebonne Lafourche Drainage Canal is estimated to be \$1,525,000.

Option 2 to provide wastewater treatment would require the construction of a 225,000 GPD wastewater treatment plant to supplement the existing 25,000 GPD wastewater treatment plant on site. The construction of the treatment plant capacity improvement is estimated to be \$1,350,000.

Please note that these estimates do not include engineering, rights of way acquisition, environmental impacts and permitting or operation and maintenance costs. This cost estimates were 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. These 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



Rebecca Development Park South Wastewater Cost Estimate Job No. 213151

	Option 1: Rough Order of Magnitude Cost Estimate New Treatment System						
Item No.	Description	Unit	Est. Quantity	Un	it Price	Exte	ension
1	250,000 GPD Wastewater Treatment Plant (10/15/2/5 Limits) with influent Pump Station	L.S.	1	\$	1,250,000.00	\$	1,250,000.00
2	6" C900 PVC Effluent Force Main	L.F.	100	\$ S u	37.50 btotal:	\$ \$	3,750.00 1,253,750.00
					2000011	7	2,230,730.00
			2	20% Contingency ₁ :		x 1.20	
		_					
Rough Order of Magnitude (ROM):					\$	1,525,000.00	

Option 2 : Rough Order	of Magnitude Co	ost Estimate Upgrade to E	Existing System
- 1			

Item No.	Description	Unit O	Est. Quantity	Unit Price		Extension	
1	225,000 GPD Wastewater Treatment Plant (10/15/2/5 Limits) with influent Pump Station	L.S.	1	\$	1,125,000.00	\$	1,125,000.00
				Subtotal:		\$	1,125,000.00
			2	20% Contingency 1:		x 1.20	
	Rough Order of Magnitude (ROM):					\$	1,350,000.00

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 capacity of 250,000 GPD
- 5.) Wastwater Treatement Plant costs provided by TESI (Total Environmental Soulutions Inc.)