

6767 Perkins Road, Suite 200 Baton Rouge, Louisiana 70808

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

# Exhibit J. Britco Site Wastewater Infrastructure Upgrade Map & Letter

October 29, 2014

Mr. Jim Cavanaugh Baton Rouge Area Chamber 564 Laurel Street Baton Rouge, LA 70801

Re. Britco Wastewater System Cost Estimate

CSRS Job No. 213084.04

Dear Mr. Cavanaugh:

According our research, the Britco Site located in Ascension Parish, Louisiana at the intersection of LA 30 and U.S. Highway 61 (Airline Hwy.) near the city of Gonzales, Louisiana has no existing wastewater infrastructure on site.

In order to provide the treatment of 250,000 gallons per day (GPD), the site would require the construction of a new wastewater treatment facility. Before the individual industry discharges to the proposed treatment facility, pretreatment requirements necessitate strengths less than or equal to 200 mg/L 5-day Biological Oxygen Demand (BOD) and 200 mg/L Total Suspended Solids. After treatment at the wastewater treatment facility, treated wastewater then may be discharged to the lateral drainage canal of Bayou Francois via a wastewater line constructed from the proposed treatment facility. Expected discharge limits of BOD<sub>5</sub>, TSS, NH<sub>3</sub>, and Phosphorous are 10/10/1/5 mg/L, respectively. Providing service for a total capacity of 250,000 GPD would yield a peak demand of approximately 250,000 GPD with no excess capacity. The construction cost of this new wastewater treatment facility is estimated to be \$1,000,000.00; however, costs can vary depending on the size and use of the facility.

An alternate method of disposing of waste water would be to connect to the City of Gonzales existing waste water system 1,500 feet west of the site at the intersection of San Francisco Avenue and LA 30. This method would require negotiating an agreement with the City of Gonzales to connect to their facility. In the event that the city allows the site to tie in to their wastewater system, a force main may be installed along the north side of LA 30 to tie in to the existing manhole. This would require an estimated 1,500 of 8" force main and the installation of a duplex submersible pump station at a cost of approximately \$475,000. Please note that the City of Gonzales sewer system may only accept a maximum of 250-300 gpm flow, so additional infrastructure costs of \$75,000 or more may be incurred if the site's discharge exceeds the City's capacity.

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.



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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. TAYLOR M. GRAVOIS
REG. No. 33928
REGISTERED
PROFESSIONAL ENGINEER
IN

ENGINEER

ENGINE

Sincerely,

CSRS, Inc.

Taylor M. Gravois, PE, PLS

WWW.CSRSONLINE.COM

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# Wastewater Upgrade **Britco Site** Ascension Parish, LA





#### LEGEND

Site Boundary (68.13 Acres +/-)

25-Acre Site Pad

Proposed Sewer Discharge

Proposed 8 inch Force Main

City of Gonzales Wastewater

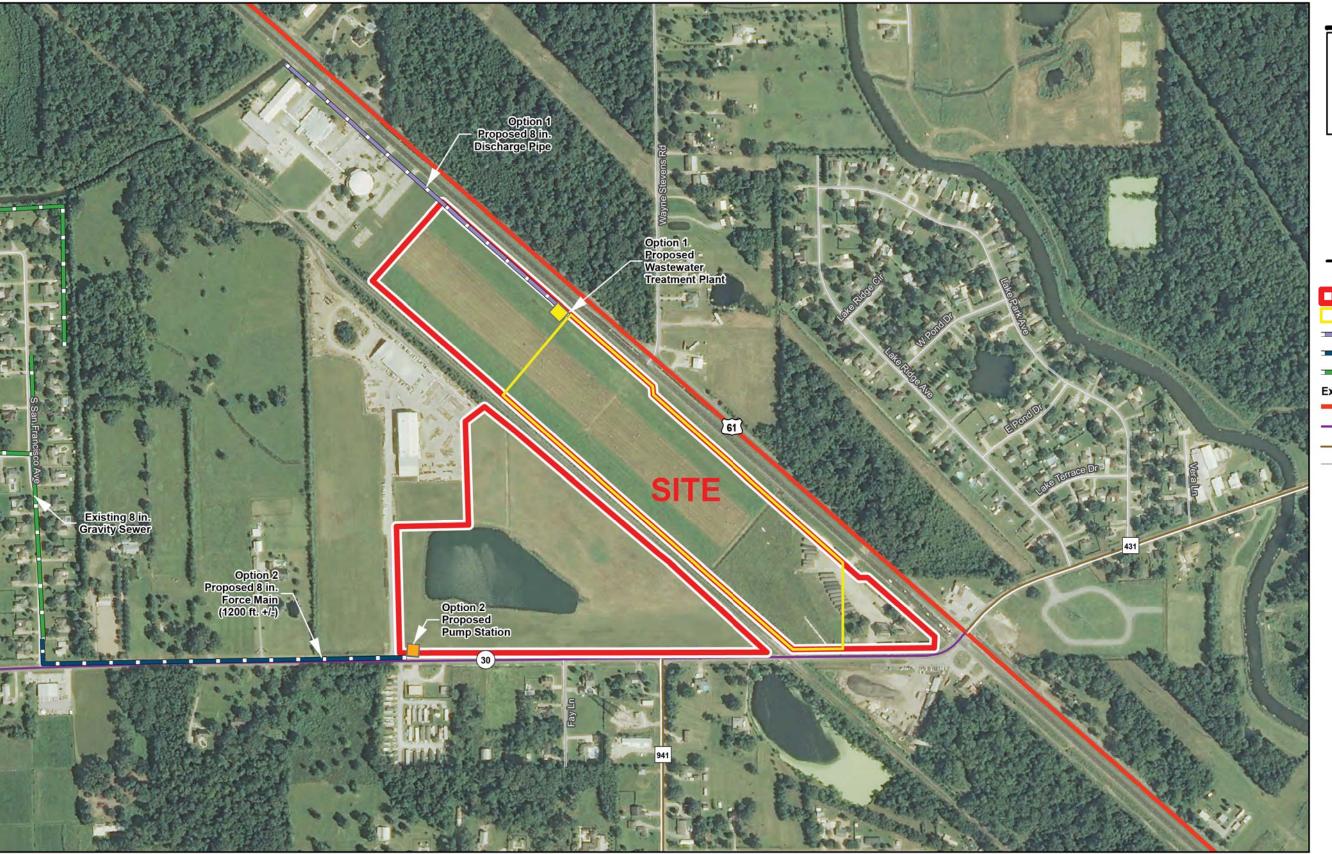
## **Existing Roadway**

US Highway

Urban State Highway

- Rural State Highway

Local Roads



### General Notes:

- 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. 2013 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.





Date:	10/31/2014
Project Number:	213084.20.004
Drawn By:	MMS
Checked By:	TMG

