

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



# Exhibit I. Grezaffi North Site Wastewater Infrastructure Upgrade Map & Letter

November 18, 2014

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

Re. Grezaffi North Wastewater System Cost Estimate

CSRS Job No. 213084.00.002

Dear Mr. Cavanaugh:

According to our research, the Grezaffi North Site located at the intersection of LA Highway 73 and LA Highway 30 in Ascension Parish, Louisiana has no existing wastewater infrastructure on site.

In order to provide a wastewater treatment facility to treat 250,000 gallons per day (GPD), a wastewater treatment facility would need to be constructed on site which would discharge to the drainage lateral canal to New River north of the site.

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 to New River 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 10/101/5 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, including the cost of 650 linear feet of 8" discharge pipe and ductile iron fittings is estimated to be \$1,000,000.

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

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Sincerely,

CSRS, Inc.

Taylor M. Gravois, PE, PLS

WWW.CSRSONLINE.COM

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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.



Proposed Wastewater Upgrade Grezaffi North Site Ascension Parish, LA

### **AEDC**





#### LEGEND

Site Boundary (171.53 Acres +/-)

= Proposed 8" Discharge Pipe

25-Acre Site Pad

#### **Existing Roadway**

- Urban State Highway

Local Roads

- Stream

Saton Rouge Area Chamber.

Date:	11/18/2014
Project Number:	213084.20.002
Drawn By:	MAT
Checked By:	TMG

