

# Exhibit K. Bratton Family Farms Wastewater Infrastructure Upgrade Letter & Map

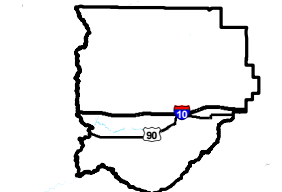




# Bratton Family Farms Wastewater Infrastructure Upgrade Letter & Map

Bratton Family Farms  
Site  
Acadia Parish, LA

One Acadiana



Acadia Parish

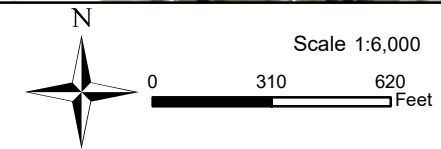
### LEGEND

- Site Boundary (17.72 Ac. ±)
- Proposed 6" Gravity Wastewater Line
- Existing City of Crowley 12" Gravity Wastewater Line
- Existing Roadway**
- Interstate
- Rural State Highway
- Local Roads
- Stream



P:\214002\One Acadiana Certified Sites Program\Certified Sites\Bratton Family Farms (Dixie Field Site)\CAD\GIS Templates\GIS\Exhibit K. Bratton Family Farms Wastewater Infrastructure Upgrade Letter & Map.mxd

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



Date:	6/27/2018
Project Number:	214002
Drawn By:	EEB
Checked By:	TMK





# Bratton Family Farms 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 27, 2018

Mr. Zach Hager  
One Acadiana  
804 E. St. Mary Blvd  
Lafayette, LA 70503

Re. Bratton Family Farms Wastewater System Cost Estimate  
CSRS Job No. 214002

Dear Mr. Hager:

According our research, the Bratton Family Farms Site located in Acadia Parish, Louisiana has no existing wastewater infrastructure on site.

After speaking to the City of Crowley's wastewater department, it was determined that it is possible to connect to the city's existing gravity waste water system south of the site. This method would require negotiating an agreement with The City of Crowley to connect to their facility and a crossing agreement to cross the I-10 Service Roadway. Option 1 for the line would be ran along the I-10 Service road to the site at a cost of approximately \$125,000. Option 2 would be routed through the property just south of the site at a cost of approximately \$100,000. Both options are within existing right of way/ servitudes, thus no additional right of way would be required.

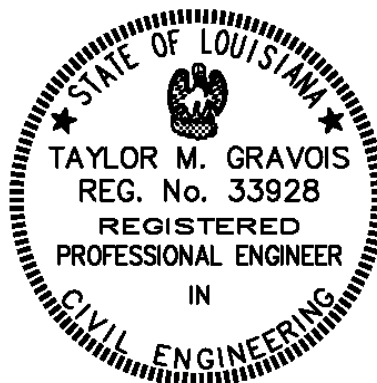
Please note that this estimate does not include engineering, rights of way acquisition, environmental impacts and permitting or operation and maintenance costs. This cost estimate was prepared with the best information available at the time of certification. The actual costs can vary based on the availability of material, site conditions and labor availability. The 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



Bratton Family Farms  
 Wastewater Cost Estimate  
 Job No. 214002

**Rough Order of Magnitude Cost Estimate - Option 1: Gravity Main Tie in for 50,000 GPD**

Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	6" C900 PVC Sewer Main	L.F.	1,250	\$ 37.50	\$ 46,875.00
2	6" DR11 HDPE Sewer Main (Jack & Bore)	L.F.	65	\$ 125.00	\$ 8,125.00
3	Ductile Iron Fittings	Tons	1	\$ 8,850.00	\$ 8,850.00
4	Sewer Manholes	Each	4	\$ 5,000.00	\$ 20,000.00
<b>Subtotal:</b>					<b>\$ 83,850.00</b>

**20% Contingency<sub>1</sub>: x 1.20**

**Rough Order of Magnitude (ROM): \$ 125,000.00**

**Rough Order of Magnitude Cost Estimate - Option 2: Gravity Main Tie in for 50,000 GPD**

Item No.	Description	Unit	Est. Quantity	Unit Price	Extension
1	6" C900 PVC Sewer Main	L.F.	950	\$ 37.50	\$ 35,625.00
2	6" DR11 HDPE Sewer Main (Jack & Bore)	L.F.	65	\$ 125.00	\$ 8,125.00
3	Ductile Iron Fittings	Tons	1	\$ 8,850.00	\$ 8,850.00
4	Sewer Manholes	Each	4	\$ 5,000.00	\$ 20,000.00
<b>Subtotal:</b>					<b>\$ 72,600.00</b>

**20% Contingency<sub>1</sub>: x 1.20**

**Rough Order of Magnitude (ROM): \$ 100,000.00**

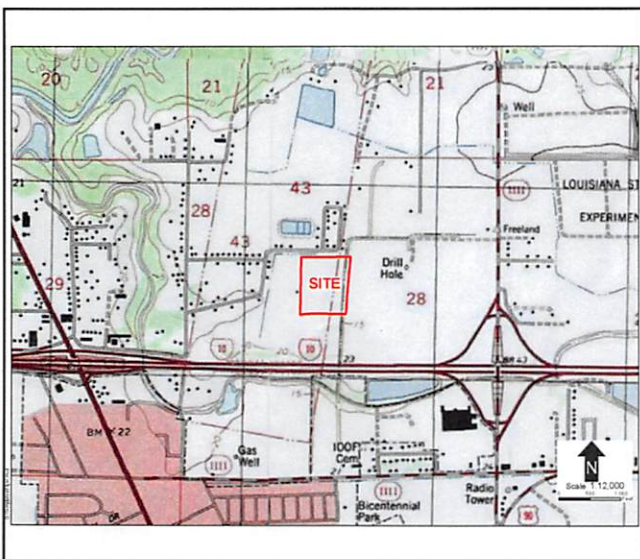
**Footnotes:**

- 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.

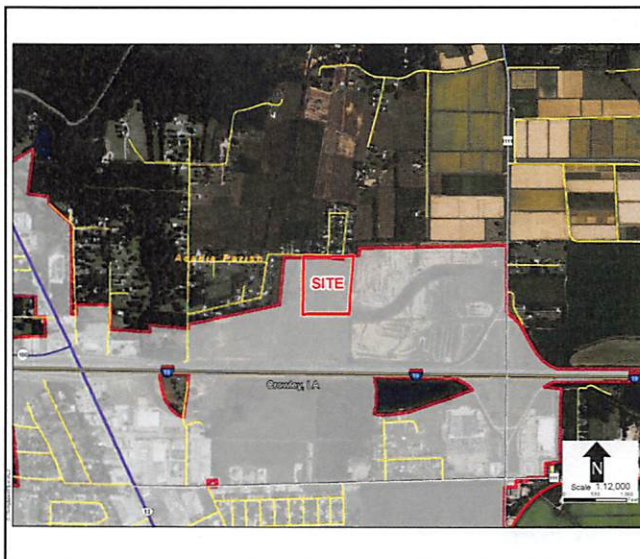
# Wastewater Utility Provider Questionnaire

(page 1 of 2)

Site Name: Bratton Family Farms  
CSRS Project ID: 214002



Site Map 1



Site Map 2

Date: 02/01/2018

Provider Name: City of Crowley Wastewater Dept

Address: PO Box 1463

City: Crowley

State: LA

Zip Code: 70526

Name: Tim Cradeur

Phone: 337-788-4150

Email: ww@crowley-la.com

Title: Wastewater Superintendent

Is wastewater collection currently available at this site?  Yes  No Is there a force main at or near the site?  Yes  No

What is the distance in feet to the closest wastewater collection line to service this site? Estimated 1500-1800 feet

What is the size (inches in diameter) of the nearest line? 12"

Does this line have enough excess capacity to allow an additional 35 gpm average daily flow?  Yes  No

NPDES permit number of sewer provider: LA0041254

What is the total capacity of the nearest lift station in gallons per day? Estimated at 16000 gpd

What is the total capacity of the wastewater system in gallons per day? **Design Capacity 2.47MGD**

What is the current average daily use of the existing wastewater system in gallons per day? 1.68 mgd

What is the peak load on the existing wastewater system in gallons per day? **Peak flow 3.32 MGD**

What is the excess capacity of the existing wastewater system in gallons per day? **82000 gpd**

What are the pre-treatment requirements to discharge to the wastewater system? If lengthy, please provide a separate document.

The City of Crowley Pre-Treatment Program is mandated by City Ordinance.

# Wastewater Utility Provider Questionnaire (page 2 of 2)

Site Name: Bratton Family Farms  
CSRS Project ID: 214002

Is a plan underway to improve services at or near this site within the next year? If so, please provide anticipated upgrades, location and time for implementation.

NO

Please provide a map of existing utility assets near site. (click in area to insert image)

N/A

**Submit Form**





N30