CSRS | BUILDING STRONGER, SMARTER COMMUNITIES TOGETHER.

Exhibit M.
Syngenta Site
Wastewater Infrastructure Upgrade
Letter & Map

LOUISIANA ECONOMIC DEVELOPMENT CERTIFIED SITE

Baton Rouge Area Chamber®

Syngenta Site Wastewater Infrastructure Upgrade Letter & Map

Canadian National Railway
Ioi Rd
Canadian National Railway
Option 1:
Proposed 6" Wastewater
Discharge Line
(770 L.F.±)
WTP
Option 1:
Proposed 80,000 GPD
Wastewater Treatment Plant
SITE
Bayou Braud
75
Option 2:
Proposed 80,000 GPD
Wastewater Treatment Plant
WTP
Option 2: Proposed 6" Wastewater
Discharge Line
(875 L.F.±)
Morris St
Monroe Ln
Total Petrochemicals USA Entrance
75

P:\212161\Sites Under Contract\026 - Syngenta Site\CADGIS_templates\GIS\Exhibit M_Syngenta Site Wastewater Infrastructure Upgrade Letter & Map.mxd

Syngenta Site
Iberville Parish, LA

BRAC

LEGEND

- Site Boundary (358.77 Ac. ±)
- WTP Proposed 80,000 GPD Wasterwater Treatment Plant
- Proposed 6" Wastewater Discharge Line
- Levee

Existing Roadway

- Rural State Highway
- Local
- Railroad
- Stream

Baton Rouge Area Chamber.

Date:	3/30/2020
Project Number:	212161
Drawn By:	BNF
Checked By:	EEB

CSRS

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. Utility information from visual inspection and/or the individual utility operators. Exact field location has not been determined by survey. The lines shown are an approximate representation only and may have been offset for depiction purposes.
4. 2015 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.

N

Scale 1:11,000

0 600 1,200 Feet

Syngenta Site Wastewater Infrastructure Upgrade Letter & Map

CSRS | BUILDING STRONGER, SMARTER COMMUNITIES TOGETHER.

CSRS, INC.
6767 Perkins Road, Suite 200
Baton Rouge, Louisiana 70808
Phone: (225) 769-0546
Fax: (225) 767-0060

April 21, 2020

Mr. Russell Richardson
Baton Rouge Area Chamber
564 Laurel Street
Baton Rouge, LA 70801

Re. Syngenta Site Wastewater System Cost Estimate
CSRS Job No. 212161

Dear Mr. Richardson:

According to our research, the Syngenta Site located in Iberville Parish, Louisiana does not have existing wastewater infrastructure near the property.

In order to provide a wastewater treatment facility to treat 80,000 gallons per day (GPD), a wastewater treatment facility may need to be constructed on site which would discharge to Bayou Braud that runs through the northern portion of the property. Expected discharge limits of BOD_5, TSS, and NH_3 may be (10/15/4) respectively. The construction of this new wastewater treatment facility plus the cost for an effluent pump station and discharge line is estimated to be $466,000.

Another option is to construct a wastewater treatment facility that would discharge to the Mississippi River. This facility would treat 80,000 gallons per day (GPD). Expected discharge limits of BOD_5 and TSS may be (30/30) respectively. The construction of this new wastewater treatment facility plus the cost for an effluent pump station and discharge line is estimated to be $470,000.

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.

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

STATE OF LOUISIANA
TAYLOR M. GRAVOIS
REG. No. 33928
REGISTERED
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Syngenta Site
Wastewater Cost Estimate - Option 1
Job No. 212161

Rough Order of Magnitude Cost Estimate							
Item No.	Description	Unit	Est. Quantity		Unit Price		Extension
1	80,000 GPD Avg. Daily Flow Wastewater Treatment Plant with Influent Pump Station[4]	Each	1	$	350,000.00	$	350,000.00
2	6" C900 PVC Effluent Force Main	L.F.	770	$	37.50	$	28,875.00
3	Ductile Iron Fittings	Tons	1	$	8,850.00	$	8,850.00
					Subtotal:	***$***	***387,725.00***
					20% Contingency[1]:		***x 1.20***
					Rough Order of Magnitude (ROM):	**$**	**466,000.00**

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 80,000 GPD.

Syngenta Site
Wastewater Cost Estimate - Option 2
Job No. 212161

Rough Order of Magnitude Cost Estimate							
Item No.	Description	Unit	Est. Quantity		Unit Price		Extension
1	80,000 GPD Avg. Daily Flow Wastewater Treatment Plant with Influent Pump Station[4]	Each	1	$	350,000.00	$	350,000.00
2	6" C900 PVC Effluent Force Main	L.F.	875	$	37.50	$	32,812.50
3	Ductile Iron Fittings	Tons	1	$	8,850.00	$	8,850.00
					Subtotal:	***$***	***391,662.50***
					20% Contingency[1]:		***x 1.20***
					Rough Order of Magnitude (ROM):	**$**	**470,000.00**

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 80,000 GPD.