

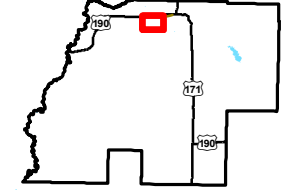
Exhibit K. Port Barre Industrial Park - Central Site
Wastewater Infrastructure Letter & Map



Port Barre Industrial Park - Central Site Wastewater Infrastructure Upgrade Letter & Map

Port Barre Industrial Park - Central Site
St. Landry Parish, LA

One Acadiana



St. Landry Parish

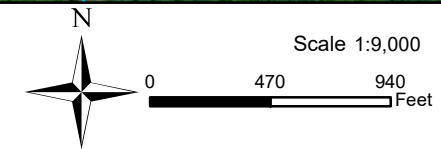
LEGEND

- Proposed 25,000GPD Wastewater Treatment Plant
- Proposed 6-inch Wastewater Line
- Site Boundary
- Existing Roadway**
- US Highway
- Urban State Highway
- Rural State Highway
- Local Roads
- Railroad
- Stream



P:\214002\One Acadiana Certified Sites Program\Certified Sites\Port Barre Industrial Park Central\CAD\GIS templates\GIS\Site 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. 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.
 5. Proposed potable water 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.



Date:	5/20/2019
Project Number:	214002
Drawn By:	DWC
Checked By:	EEB



Port Barre Industrial Park Central Site Wastewater Infrastructure Upgrade



CSRS, INC.
6767 Perkins Road, Suite 200
Baton Rouge, Louisiana 70808

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

April 15, 2019

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

Re. Port Barre industrial Park Central Site Wastewater System Cost Estimate
CSRS Job No. 214002

Dear Mr. Hager:

The Port Barre Industrial Park Central Site located along LA Hwy 741 in St. Landry Parish, Louisiana doesn't have wastewater infrastructure available to service the site. After talking to local utility providers, it was determined the site currently doesn't have access to a sanitary sewer system. In order to provide wastewater treatment capable of treating 250,000 gallons per day (GPD), the creation of an onsite wastewater treatment plant will be required.

The proposed plant will need to discharge to a parish-maintained canal which eventually outfalls to Bayou Portage south of the site. Expected discharge limits of BOD₅, TSS, NH₃, and Phosphorous will be (5/10/2/5) respectively. The construction of this new wastewater treatment facility plus the cost for an effluent pump station and discharge line to the parish-maintained canal which will eventually outfall to Bayou Portage is estimated to be \$1,100,000.

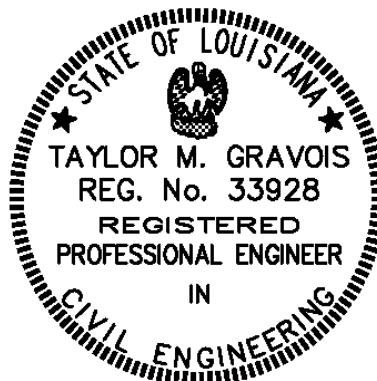
Please note that these estimates do not include engineering, rights of way acquisition, environmental impacts and permitting or operation and maintenance costs. This cost estimate was prepared with the best information available at the time of certification. The actual costs can vary based on the availability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



Port Barre Industrial Park Central Site
Wastewater Cost Estimate
Job No. 214002

Rough Order of Magnitude Cost Estimate						
Item No.	Description	Unit	Est. Quantity	Unit Price	Extension	
1	250,000 GPD Advanced Secondary Wastewater Treatment Plant (10/15/2/5 Limits) with influent Pump Station ₄	L.S.	1	\$ 800,000.00	\$	800,000.00
3	6" C900 PVC Effluent Force Main	L.F.	2,268	\$ 37.50	\$	85,050.00
4	6" DR11 HDPE Effluent Force Main (J&B)	L.F.	80	\$ 125.00	\$	10,000.00
5	Ductile Iron Fittings	Tons	2	\$ 8,850.00	\$	17,700.00
Subtotal:					\$	912,750.00
20% Contingency₁:					x 1.20	
Rough Order of Magnitude (ROM):					\$	1,100,000.00

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.
- 4.) Wastewater Treatment Plant capacity based on LED required capacity of 250,000 GPD