

Exhibit M. South Lafourche Airport North Site Wastewater Infrastructure Upgrade Letter & Map

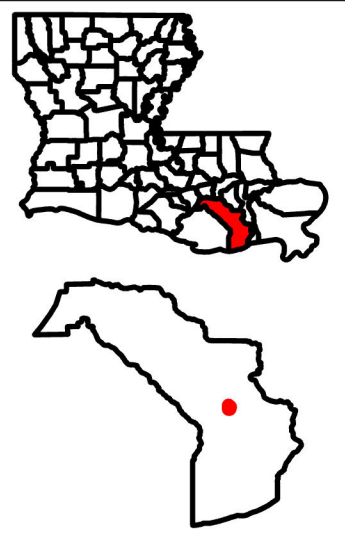


South Lafourche Airport North Site Wastewater Infrastructure Upgrade Letter & Map

Site Exhibit for
South Lafourche
Airport North Site
Lafourche Parish, LA

The lines shown are an approximate representation only and may have been offset for depiction purposes.

SLEC



Legend

- Site Boundary (±166.30 ac.)
- Barrow Canal
- Proposed 100-foot Wastewater Discharge Line
- Proposed Discharge Stream
- Proposed 50,000 GPD Wastewater Treatment Plant
- Major Road
- State Highway



P:\216270\South Lafourche Airport Certification\North\CAD\GIS_templates\GIS\South

General Notes:
 1. The information presented herein is for planning purposes only. Further detailed due diligence MUST be completed prior to making decisions regarding the site.
 2. 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.
 3. Transportation data from 2023 TIGER datasets via U.S. Census Bureau at <https://www.census.gov/geographies/mapping-files/time-series/geo/tiger-line-file.html>.
 4. Aerial imagery is compiled from multiple different sources to create one cohesive image and may not reflect current ground condition.
 5. 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.

CSRS



Date: 9/24/2024
 Project Number: 216270
 Drawn By: BMS
 Checked By: EEB

August 21, 2024

Mrs. Deanna Lafont
South Louisiana Economic Council
322 Audubon Avenue
Thibodaux, Louisiana 70310

**South Lafourche Airport North Site
Wastewater Infrastructure
Upgrade Letter & Map**

**RE: South Lafourche Airport North Site
Wastewater Infrastructure Upgrade Letter & Map
CSRS Project No 216270**

Dear Mrs. Lafont,

According to our research, there is no existing public wastewater infrastructure around the South Lafourche Airport North Site located in Lafourche Parish, Louisiana. To provide wastewater infrastructure to treat 50,000 GPD, a wastewater treatment facility would need to be constructed on-site which would discharge to a drainage ditch approximately 100 feet west of the site before eventually making it into Barrow Canal directly south of the Greater Lafourche Port Commission pump station.

The treatment requirements for the proposed wastewater treatment facility are based on LDEQ's Sanitary Wastewater General Permit for less than 100,000 GPD, and it is assumed only domestic sanitary waste will be treated at the proposed wastewater treatment facility. The monitoring data will consist of fecal coliform (limit 400 MPN/100mL), enterococci (limit – 135 MPN/mL), oil/grease (limit 15mg/L), biochemical oxygen demand (BOD – limit 45mg/L), turbidity (TSS – 45mg/L), average flow through treatment facility (limit 50,000 GPD), pH (limit – 6 to 9). If a project will require to discharge anything other than domestic waste (i.e. industrial waste) into the proposed wastewater facility, treatment requirements and monitoring data will have to be altered. The proposed wastewater treatment facility will have a total capacity of 50,000 GPD with a peak demand of approximately 50,000 GPD and no excess capacity. Since the proposed wastewater treatment plant will be within the South Lafourche Airport Levee Protection System, it will be important to elevate the proposed wastewater treatment plant properly to avoid any flooding to the treatment plant.

The construction cost of this new wastewater treatment facility and discharge line is estimated to be \$308,000.

Please note this estimate does not include cost for engineering, requiring rights of way, environmental impacts, operating/maintaining infrastructure, or infrastructure to deliver waste to treatment facility. 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. This plan can be executed within a reasonable timetable of 18 months or less based on preliminary engineering judgment.

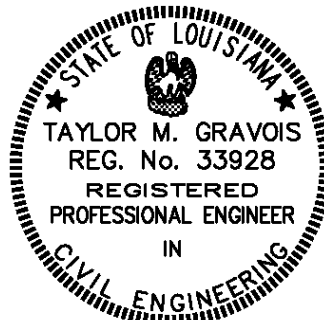
Thank you for the opportunity to assist you with this project. Should you have any questions or require additional information, feel free to contact me.

Respectfully,

CSRS, Inc.



Taylor Gravois, PE, PLS



ENGINEER'S OPINION OF PROBABLE COST

**South Lafourche Airport North Site
On-Site Wastewater
Treatment Facility
50,000 GPD**



8/21/2024

CONSTRUCTION COST - WASTEWATER

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	COST	TOTAL
1	On-Site 50,000 GPD Wastewater Treatment Plant	Each	1	\$300,000.00	\$300,000.00
2	6" Wastewater Discharge Line	L.F.	100	\$80.00	\$8,000.00
Total:					\$308,000.00

Note:

- 1) *Wastewater Cost Estimate assumes a 50,000 GPD on-site wastewater treatment facility with a 100-foot discharge line.*
- 2) *Costs for engineering, requiring rights of way, environmental impacts, operating/maintaining infrastructure, or infrastructure to deliver waste to treatment facility are not included.*
- 3) *If any waste other than domestic sanitary waste has to be treated, the treatment requirements and monitoring data will have to be altered.*