

A dark blue silhouette map of the state of Louisiana is centered in the background of the page. The map shows the state's outline, including its coastline and major landmasses.

Exhibit H – Franklin Farm Water and Wastewater Capacity Letter



Meyer, Meyer, LaCroix & Hixson, Inc.
Engineers and Land Surveyors

Franklin Farm Water and Wastewater Capacity Letter

100 Engineer Place
Alexandria, Louisiana 71303
Ph: (318) 448-0888
Fax: (318) 448-0885
www.mmlh.com
mmlh@mmlh.com

October 17, 2017

Mr. Michael Webb
Louisiana Economic Development
617 N 3rd St
Baton Rouge, LA 70802

Re: Town of Delhi
Water / Wastewater Service to Franklin Farms Megasite
MML&H File No: Delhi O/H

Dear Mr. Webb:

We have reviewed your questionnaire regarding the Town of Delhi's ability to provide water and wastewater service to the Franklin Farms megasite in the Holly Ridge area. On behalf of the Town of Delhi and acting in the capacity of Town Engineer, please find responses to your questionnaire below.

- **Water.** Delhi presently has a 20" water main and a 750,000-gallon elevated tank in the Dunn community. These facilities were built to serve the Lamb Weston sweet potato plant and were designed to facilitate expansion if needed to serve the Franklin Farms site. Delhi's water conforms to all primary drinking water standards and is of excellent aesthetic quality. The only treatment necessary is the addition of chlorine for disinfection. Delhi is already a regional water provider and sells water to other area water systems.
 - Distance to closest potable/process water line: **5 miles**
 - Size of potable/process water closest to site: **20"**
 - Static and residual pressure of that line: **64 psi (The adjacent elevated tank is 149' tall.)**
 - Source: **Wells. (5 wells)**
 - Total system capacity (million GPD): **4.5 MGD**
 - Current average daily use of system (million GPD): **1.86 MGD**
 - Peak demand (million GPD): **3.71 MGD**
 - Excess capacity (million GPD): **1.0 MGD**
 - Distance to closest elevated potable water storage tank (miles): **5 miles. The 20" diameter nearest water line described above is 600 feet from an elevated tank.**
 - Capacity of closest elevated potable water storage tank (gallons): **750,000**

- Distance to booster station (miles): **11.6 miles**
- Will there be adequate pressure and flow at site for combating fires? **Yes, 4,000 gpm for 4 hours**
- Can improvements to bring water to site be implemented within 180 days? **Yes, if funding is available.**
- **Wastewater.** Delhi presently has two treatment trains discharging treated effluent to Bayou Macon at its wastewater treatment plant southeast of Delhi, with an 18" force main from the Dunn community. The wastewater facilities were built to serve the Lamb Weston sweet potato plant and were designed to facilitate expansion if needed to serve the Franklin Farms site. Unlike other streams in the area, Bayou Macon does not presently have a TMDL waste load allocation, so Delhi's wastewater treatment facilities and NPDES permit can be readily upgraded as needed.
 - Distance to closest line: **6 miles**
 - Size of closest line: **18" (force main)**
 - Force main on site: **No**
 - Capacity of nearest lift station (gallons per day): **N/A**
 - NPDES number of sewer provider: **LA0039802; AI No. 19813**
 - Total capacity of wastewater system (gallons per day): **2,000,000 GPD Average Flow**
 - Current average daily use of system (gallons per day): **1,500,000 GPD**
 - Peak load on system (gallons per day): **2,900,000 GPD**
 - Excess capacity of system (gallons per day): **500,000 GPD**
 - Can improvements to bring wastewater to site be implemented within 180 days? **Yes, if funding is available.**

We trust that this information adequately answers your questionnaire. Please do not hesitate to contact me at (318)448-0888 or by email at glenn.turner@mmlh.com or Mayor Jesse Washington at (318)878-3792 or jesse.washington@att.net if you need any additional information.

Sincerely,



Glenn A. Turner, PE
Vice President

GT:mr

C: Honorable Jesse Washington, Mayor, Town of Delhi