

# Exhibit W. Carville Riverfront Development FEMA 100 yr. Flood Plain Determination & Maps



**DEPARTMENT OF THE ARMY**  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 60267  
NEW ORLEANS, LOUISIANA 70160-0267

REPLY TO  
ATTENTION OF:

March 25, 2014

Programs and Project Management Division  
Projects and Restoration Branch

Mr. Randall Johnson  
City of St. Gabriel  
P.O. Box 597  
St. Gabriel, Louisiana 70776

RE: File # 9514

Dear Mr. Johnson:

This letter is in reference to the e-mail you sent on March 25, 2014, requesting a flood hazard determination for a site section 109, township 9 south, range 1 east in Iberville Parish, Louisiana.

Enclosed is a portion of the Digital Flood Insurance Rate Map (DFIRM) identifying the location of the site. Information from this map and preliminary hydraulic investigations indicate that the site is located in Zone A with an associated base flood elevation of +17' North American Vertical Datum – (NAVD).

The U.S. Army Corps of Engineers (USACE) provides engineering advice to local interests for their use in planning to reduce the risk of flooding through the Floodplain Management program. This service is provided to state, parish, and local governments at no charge. Using available data, USACE provides this service in the form of Base Flood Elevation (BFE) assessments, which is the computed elevation to which floodwater is anticipated to rise during the base flood. The base flood elevations provided should be used for planning purposes only and should not be used to support letters of map change.

Although USACE provides base flood elevation assessments for the 100-year flood event, this does not guarantee that the location of interest will not experience flooding. Furthermore, even though USACE assigns base flood elevations for specific locations within the corresponding floodplain, the assessment is a conservative recommendation which should be used for planning purposes and may be beneficial when used in conjunction with determinations made by FEMA, qualified Surveyors, or Parish/City floodplain administrators to determine final design elevations.

The official base flood elevation provided to property owners is determined by the local governing entity that holds jurisdiction over the location of the property since the local floodplain administrator may have a greater extensive knowledge and understanding of the floodplains, floodways, and flood hazards within their city or parish.

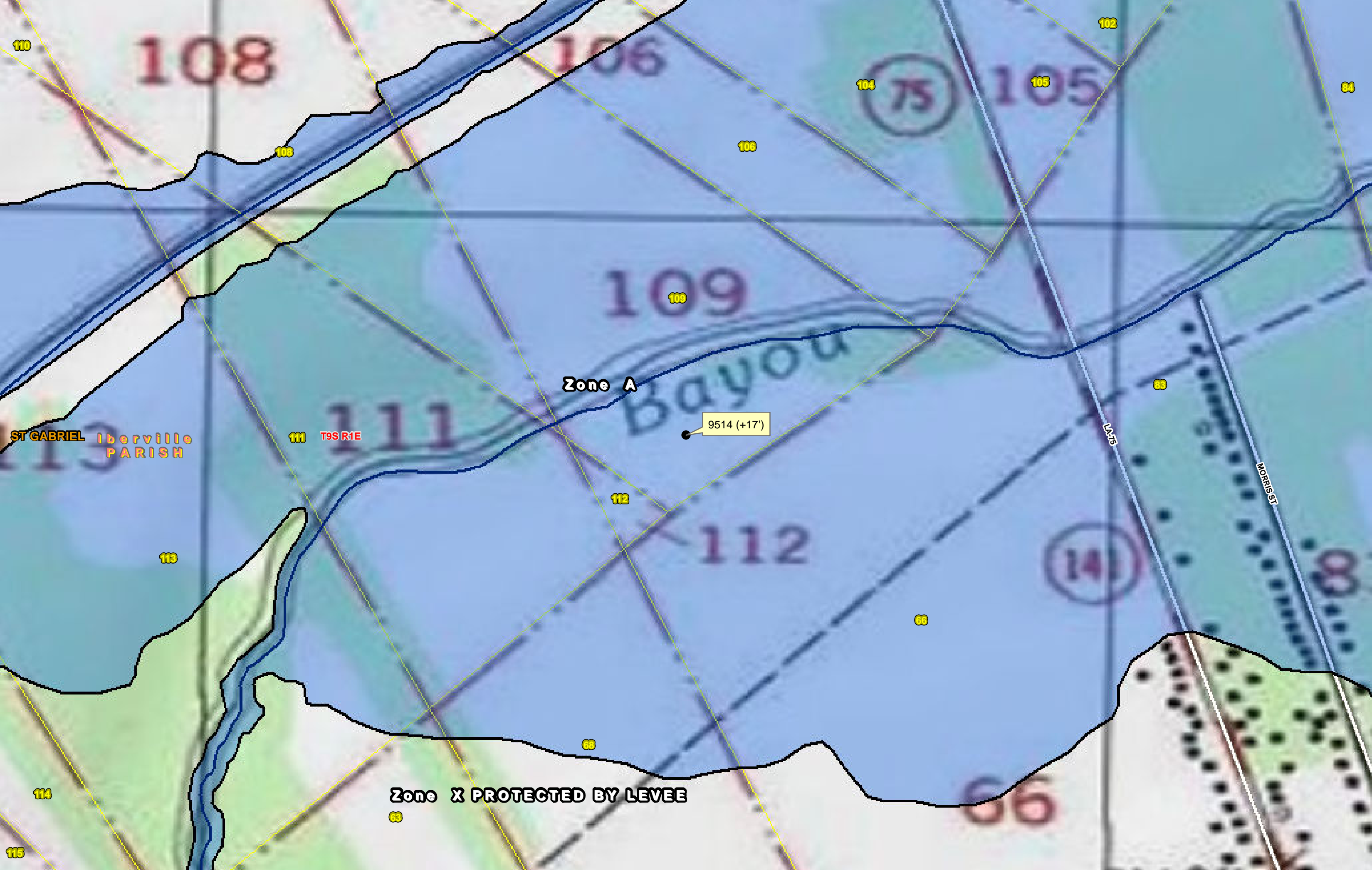
We encourage you to contact the FEMA Mapping Center with any questions about the flood maps, the data used to produce the flood maps, or product availability. For more information about the FEMA mapping center, please visit their website at [www.msc.fema.gov/](http://www.msc.fema.gov/) or contact a representative directly using the contact number (877) 336-2627.

Sincerely,

A handwritten signature in dark ink that reads "Mark R. Wingate". The signature is written in a cursive style with a stylized "W" and a long horizontal stroke at the end.

Mark R. Wingate P.E.  
Chief, Projects and Restoration Branch

Enclosure(s)





# Exhibit W. Carville Riverfront Development FEMA 100 yr. Flood Plain Determination & Maps

Project:  
Site Exhibit for  
Carville Riverfront Development  
Iberville Parish, LA

Client:  
BRAC



Iberville Parish

FLOOD HAZARD AND  
GROUND ELEVATION MAP

## Legend

- Site Boundary
- Sample 25-Acre Site Pad
- Flood Zone**
  - A (100-year with no Base Flood Elevation)
  - AE (100-year with Base Flood Elevation)
  - X (area outside of 100-year)
  - Base Flood Elevation Line
- Civic Feature**
  - School
  - Cemetery
  - Church
- Existing Roadway**
  - Rural State Highway
  - Local Roads
  - Railroad
  - Levee
  - Stream
  - Waterbody

## Contour Elevation (Feet)

- |    |    |    |    |    |
|----|----|----|----|----|
| 6  | 14 | 22 | 30 | 38 |
| 8  | 16 | 24 | 32 | 40 |
| 10 | 18 | 26 | 34 | 42 |
| 12 | 20 | 28 | 36 |    |

## Site Details

Appx. Site Size: 723.53 Ac. ±  
Potential Wetlands: 482.23 Ac. ±  
Area in 1% Flood Zone: 259.47 Ac. ±

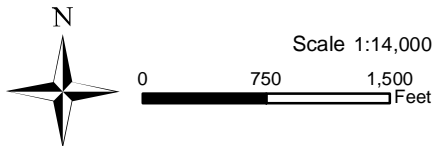


Date: 7/15/2014  
Project Number: 212161.010  
Drawn By: MMS  
Checked By: TMG

**CSRS**  
IMAGINE SHAPE DELIVER  
6767 Perkins Road Suite 200 Baton Rouge, LA 70808  
Telephone: 225 769-0546 Fax: 225 767-0060  
www.csronline.com

P:\212161\Sites Under Contract\010 - Fenton (Carville) Industrial Park (AKA Kinder Morgan)\CAD\GIS templates\GIS\FinalCarvilleRiverfrontDevelopment FloodElev. Map.mxd

- General Notes:
- 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.
  - Transportation data from 2013 TIGER datasets via U.S. Census Bureau at [ftp2.census.gov/geo/tiger/TIGER2013](http://ftp2.census.gov/geo/tiger/TIGER2013).
  - Effective flood data from FEMA Map Service Center National Flood Hazard Layer dated Nov. 5, 2013. FIRM panel 22047C0355D effective 11/6/2013. USACE determined BFE of 17' for flood zone "A" area within site along Bayou Braud.
  - Elevation data created by USDA/NRCS - National Geospatial Center of Excellence, "LiDAR Elevation Dataset - Bare Earth DEM - 2 Meter".
  - Sample Site Pad for visual purposes only. Actual site location and size to be determined by owner.
  - 2013 aerial imagery from USDA-APFO National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.





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