

APPENDIX D: LDNR SECONDARY MONUMENTS



VICINITY MAP Not to Scale

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Station Name: "BA03C SM 01 RESET"

Location: From the oil storage tanks in Alliance, Louisiana, proceed north on La Highway 23 for approximately 0.7 miles to the pipelines on the right crossing over the Mississippi River Levee. Turn around and proceed south in the southbound lane of the Highway to the south side of a ring levee and the monument on the right.

Monument Description: NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven 68 feet to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

Stamping: BA03C SM 01 RESET

Installation Date: MAY 4, 2010 **Date of Survey:** MAY 4, 2010

Monument Established By: JCLS

For: CPRA, OCPR

NAD83 Geodetic Position (CORS96)(EPOCH 2002.0)

Lat. 29° 41' 58.38928" N

Long. 089° 59' 13.29628" W

NAD83 Datum LSZ (1702) Ft (CORS96)(EPOCH 2002.0)

N= 438,744.19

E= 3,708,256.17

NAVD88 Height (CORS96)(EPOCH 2002.0)

Elevation = 1.98 feet (0.603 mtrs)

Ellipsoid Height = -24.565 mtrs.

Geoid09 Height = -25.168 mtrs.

NAVD88 Height (CORS96)(EPOCH 2002.0)

Elevation = 2.14 feet (0.652 mtrs)

Ellipsoid Height = -24.565 mtrs.

Geoid03 Height = -25.217 mtrs. (2004.65)





VICINITY MAP Not to Scale

Reproduced from Louisiana 2005 DOQQ

Station Name: "BA03C SM 02"

Location: From La Highway 23 at St. Rosalie, Louisiana, which is located just south of oil storage tanks at Alliance, Louisiana proceed west on West Ravenna Road for approximately 2 miles to the monument on the right.

Monument Description: NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven 48 feet to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

Stamping: BA03C-SM-02

Installation Date: 2002 **Date of Survey:** February 2003

Monument Established By: JCLS

For: CPRA, OCPR

Adjusted NAD83 Geodetic Position (NSRS2007)

Lat. 29°39'28.68864" N

Long. 090°00'33.42327" W

Adjusted NAD83 Datum LSZ (1702) Ft (NSRS2007)

N= 423,541.04

E= 3,701,364.95

Adjusted NAVD88 Height (2006.81)

Elevation = -1.43 feet (-0.437 mtrs)

Ellipsoid Height = -25.531 mtrs.

Geoid03 Height = -25.094 mtrs. (2004.65)

FOR REFERENCE ONLY

LCZ Adjusted NAVD88 Height (Geoid99)

Elevation = -0.67 feet (-0.203 mtrs)





VICINITY MAP Not to Scale

Reproduced from Louisiana 2005 DOQQ

Station Name: "BA41-SM01"

Location: Located in Jefferson Parish, Louisiana, approximately 1.3 miles southeasterly from the boat launch on Bayou Barataria at the end of Jean Lafitte Blvd. south of Lafitte, Louisiana and is on the east bank of Bayou Barataria immediately north of the cut into the pen. The Monument is located 16.8 feet northeast of a Texaco Pipeline Sign and 26.5 feet northeast of a creosote post with PK Nail in the center. Permission is required for Right of entry from Webb-Milling. Prior to entry, please contact Skip Haller at (228) 832-7878 or (228) 324-6490.

Monument Description: NGS Style floating sleeve monument; 9/16" stainless steel rods driven 60 feet to refusal, set in a sand filled 6" PVC pipe with access cover set flush with the ground.

Stamping: BA41-SM-01

Installation Date: 2006 **Date of Survey:** November 2006

Monument Established By: JCLS

For: JCLS

Adjusted NAD83 Geodetic Position (NSRS2007)

Lat. 29°38'36.00226" N

Long. 090°05'44.42219" W

Adjusted NAD83 Datum LSZ (1702) Ft (NSRS2007)

N= 417,912.61

E= 3,673,985.63

Adjusted NAVD88 Height (2006.81)

Elevation = 4.22 feet (1.286 mtrs)

Ellipsoid Height = -23.820 mtrs.

Geoid03 Height = -25.106 mtrs. (2004.65)





VICINITY MAP Not to Scale

Reproduced from Louisiana 2005 DOQQ

Station Name: "BA23 SM 02"

Location: Located approximately 3.3 miles south of the Lafitte Harbor Marina in Lafitte, Louisiana, behind rocks along west top bank of the Barataria Waterway at Dupre Cut. Permission is required for Right of entry from Webb-Milling. Prior to entry, please contact Skip Haller at (228) 832-7878 or (228) 324-6490.

Monument Description: NGS style floating sleeve monument; datum point set on 9/16" stainless steel sectional rods driven to refusal, set in sand filled 6" PVC pipe with access cover set in concrete, flush with ground.

Stamping: BA23-SSM-02

Installation Date: 2002 **Date of Survey:** November 2006

Monument Established By: Pyburn & Odom

For: CPRA, OCPR

Adjusted NAD83 Geodetic Position (NSRS2007)

Lat. 29°36'14.88294" N
Long. 090°04'31.51557" W

Adjusted NAD83 Datum LSZ (1702) Ft (NSRS2007)

N= 403,728.57
E= 3,680,575.00

Adjusted NAVD88 Height (2006.81)

Elevation = 3.89 feet (1.187 mtrs)

*Ellipsoid Height = -23.791 mtrs.
Geoid03 Height = -24.978 mtrs. (2004.65)*

FOR REFERENCE ONLY

LCZ Adjusted NAVD88 Height (Geoid99)

Elevation = 4.62 feet (1.409 mtrs)

