



**PROJECT:** Hurricane Ivan, 1549 DR - ALABAMA, 1550 DR - Mississippi CHWMs  
**CONTENTS:** Individual Historical High Water Mark Survey Report  
**TYPE:** High Water Mark Survey  
**COMM. NO.** 285255 **PREL.** 11/10/2004 **FINAL** 12/23/2004 **SHEET** Harr-1

**HWM ID:** Unit4\_1 **Type of Mark:** Stake in ground  
**Name of Storm Event:** Ivan **Date of Flood Event:** 9/16/2004  
**Stream Name/Flood Source:** Gulf of Mexico **Quality of Mark:** Good  
**Survey Elevation (NAVD 88):** 5.5 ft **NGVD 29:** 5.3 ft **HWM Object:** Debris line along bank of tidal creek  
**Flooding Type:** Coastal surge  
**HWM Address:** NW corner of Bayview Dr. & Livingston Dr.  
**Location of HWM Object:** Along bank of tidal creek NW of intersection of Bayview Dr. & Livingston Dr.

**HWM Type:** Debris line  
**Closest Municipality:** Pass Christian **County:** Harrison **State:** MS

**Name of Flagger/Interviewer:** Westcott **Flagger Company:** Dewberry  
**Date of Flagging/Interview:** 9/30/2004

**Survey Crew:** Dick Davis **Survey Company:** PBS & J  
**Survey Date:** 11/11/2004  
**Survey Projection:** State Plane Mississippi East **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83  
**Survey Latitude:** 30.31217 **Easting (Meters):** 256366.995 **Easting (feet):** 841097.3822  
**Survey Longitude:** 89.28700 **Northing (Meters):** 90112.067 **Northing (feet):** 295642.6729  
**Approx. First Floor Elevation:** N/A

**Comment**



Unit4\_1b.jpg

*Survey Certification: Coastal High Water Mark Location survey is certified to 0.25 feet vertically and 10 feet horizontally with a 95% accuracy level.*

Roswell Andrew Hathaway, Professional Land Surveyor, State of Mississippi  
 Registration Number: 02417  
 5665 New Northside Drive Suite 400, Atlanta GA. 30328 PH. 770 933-0280 Ext. 2430

**PROJECT:** Hurricane Ivan, 1549 DR - ALABAMA, 1550 DR - Mississippi CHWMs