



**PROJECT:** Hurricane Ivan, 1551 DR - Florida  
**CONTENTS:** Individual Historical High Water Mark Survey Report  
**TYPE:** High Water Mark Survey  
**COMM. NO.** 12025C      **PREL.** 11/10/2004      **FINAL** 12/23/2004      **SHEET** Bay-3

<b>HWM ID</b>	UnitF12_3	<b>Type of Mark:</b>	Horizontal offset
<b>Name of Storm Event:</b>	Ivan	<b>Date of Flood Event:</b>	9/16/2004
<b>Stream Name/Flood Source:</b>	St Andrews Bay	<b>Quality of Mark:</b>	Fair
<b>Survey Elevation (NAVD 88):</b>	4.6 ft <b>NGVD 29: 5.1 ft</b>	<b>HWM Object:</b>	2 wrack lines showing two distinct levels
<b>Flooding Type:</b>	Surge		
<b>HWM Address:</b>	N/A		
<b>Location of HWM Object</b>	No marker left - use directions given below.		
<b>HWM Type:</b>	Surge		
<b>Closest Municipality:</b>	Panama City	<b>County</b>	Bay <b>State:</b> FL
<b>Name of Flagger/Interviewer:</b>	Niedoroda	<b>Flagger Company:</b>	URS
<b>Date of Flagging/Interview:</b>	10/3/2004		
<b>Survey Crew:</b>	Starkey, Sanders	<b>Survey Company:</b>	NORTH WEST FLORIDA LAND SURVEYING, INC.
<b>Survey Date:</b>	11/23/2004		
<b>Survey Projection:</b>	LAMBERT, ZONE 903 (FLORIDA NORTH)	<b>Vertical Datum:</b>	NAVD 88 <b>Horizontal Datum:</b> NAD 83
		<b>Easting (Meters):</b>	<b>Easting (feet):</b> 1579924.960
<b>Survey Latitude:</b>	30.18713	<b>Northing (Meters):</b>	<b>Northing (feet):</b> 433822.3
<b>Survey Longitude:</b>	85.72991	<b>Approx. First Floor Elevation:</b>	8.1 ft

**Comment**

There were two wrack lines found at this location.

**NO IMAGE TO DISPLAY**

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

N/A

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