



**PROJECT:** FEMA - 1545 - DR - FL Coastal High Water Mark Survey Project  
**CONTENTS:** Individual Historical High Water Mark Survey Report  
**TYPE:** High Water Mark Survey  
**COMM. NO.** 12127C      **PREL.** 1/10/2005      **FINAL** 1/31/2005      **SHEET** Volu-1

**HWM ID:** Unit1\_3      **Type of Mark:** Duct tape  
**Name of Storm Event:** Frances      **Date of Flood Event:** 9/5/2004  
**Stream Name/Flood Source:** Atlantic Ocean      **Quality of Mark:** Good  
**Survey Elevation (NAVD 88):** 6.3 ft      **NGVD 29:** 7.5 ft      **HWM Object:** Post  
**Flooding Type:** Wave runup  
**HWM Address:** 1601 S. Atlantic Avenue  
**Location of HWM Object:** 8' seaward from seawall, second walkway post on South side of walkway.

**HWM Type:** Water line  
**Closest Municipality:** New Smyrna Beach      **County:** Volusia      **State:** Florida

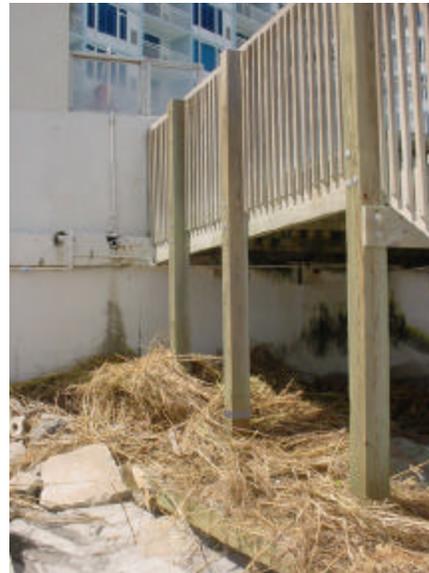
**Name of Flagger/Interviewer:** Hatchett      **Flagger Company:** URS  
**Date of Flagging/Interview:** 9/11/2004

**Survey Crew:** SH, NT      **Survey Company:** PBS & J  
**Survey Date:** 9/28/2004  
**Survey Projection:** State Plane Florida East      **Vertical Datum:** NAVD 88      **Horizontal Datum:** NAD 83 (90)  
**Easting (Meters):**      **Easting (feet):** 1706886.34063  
**Survey Latitude:** 29.02909      **Northing (Meters):**      **Northing (feet):** 691276.026442  
**Survey Longitude:** 80.89013      **Approx. First Floor Elevation:** 11.3 ft

**Comment**

Flagger Comment: Seawall is behind pool.

Surveyor Comments: Deck was destroyed by Hurricane Jeanne, HWM was measured from seawall.



Unit1\_3.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.*

James E. Godfrey - Professional Land Surveyor, No. 4541, State of Florida  
 PBS & J License Business 24  
 5300 W. Cypress St. Suite 200, Tampa Florida. 33607 PH. 813 282-7275

**PROJECT:** FEMA - 1545 - DR - FL Coastal High Water Mark Survey Project