



**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.** 12085C      **PREL.** 1/10/2005      **FINAL** 1/31/2005      **SHEET** Mart-1

**HWM ID** Unit\_10      **Type of Mark:** Stake w/ flag  
**Name of Storm Event:** Frances      **Date of Flood Event:** 9/5/2004  
**Stream Name/Flood Source:** Indian River      **Quality of Mark:** Good  
**Survey Elevation (NAVD 88):** 14.1 ft      **NGVD 29: 15.5 ft**      **HWM Object:** Ground  
**Flooding Type:** Wave runup  
**HWM Address:** 2900 Indian River Drive  
**Location of HWM Object** 1000' South of Environmental Studies Center.

**HWM Type:** Debris line  
**Closest Municipality:** Ocean Breeze Park      **County** Martin      **State:** Florida

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

**Survey Crew:** GB, CR      **Survey Company:** PBS & J  
**Survey Date:** 10/6/2004  
**Survey Projection:** State Plane Florida East      **Vertical Datum:** NAVD 88      **Horizontal Datum:** NAD 83 (90)  
**Easting (Meters):**      **Easting (feet):** 1057095.11634  
**Survey Latitude:** 27.23971      **Northing (Meters):**      **Northing (feet):** 908971.695568  
**Survey Longitude:** 80.22197      **Approx. First Floor Elevation:** 18.3 ft

**Comment**

Flagger Comment: Sign board in photo is mislabeled, reads unit 11 instead of 10.



Unit2\_10.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.*

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