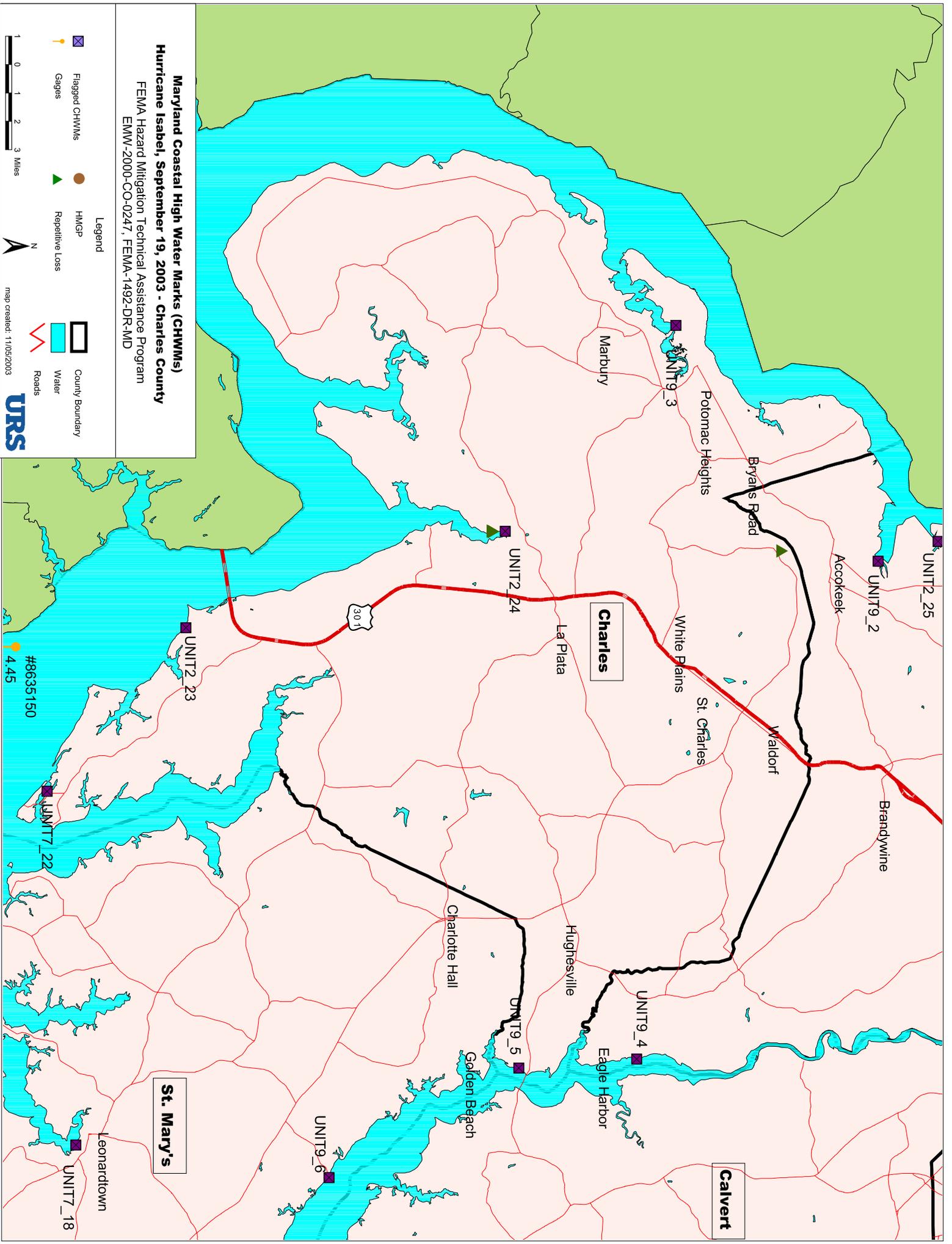


Appendices

Appendix E: Survey Sheets from Charles County





PROJECT FEMA-1492-DR-MD High Water Mark Survey Project
COMM. NO. 240089
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** E-1
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT2_23 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Potomac River **Quality of Mark:** Good
Flood Elevation: **11 FT** **Location:** Outside wall
Flooding Type: Wave height
Mark Address: 13531 South View Road.
Description of Mark: HWM is 20" below the bottom of window sill

Type of Line: Mud line
Description of Physical Structure: wood house
Closest City: Morgantown **County:** Charles **State:** Maryland

Flaggers: Bagha **Company/Agency:** Dewberry
Flagging Date: 9/27/2003

Surveyors: Cumberledge, Booth **Company/Agency:** Greenhorne & O'Mara, Inc.
Survey Date: 10/15/2003 **Survey Type:** N/A
Projection: Maryland **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83
Latitude: 38.3408 **Easting:** 1,323,806
Longitude: -76.9642 **Northing:** 245,222

Approx. First Floor Elevation (Based on Measurement from Mark): N/A

Approx. Distance to Shoreline: 220 FT

Comments:

Mud line of poor quality, may actually be wave action.



DSCN0016.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.



PROJECT FEMA-1492-DR-MD High Water Mark Survey Project
COMM. NO. 240089
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** E-2
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT2_24 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Port Tobacco River **Quality of Mark:** Good
Flood Elevation: **7.3 FT** **Location:** Outside wall
Flooding Type: Surge
Mark Address: 7478 Shirley Blvd
Description of Mark: 3" from window sill , and 3 feet from wood flooring outside. Mark transferred from the inside of the building

Type of Line: Mud line

Description of Physical Structure: wood house

Closest City: Port Tobacco **County:** Charles **State:** Maryland

Flaggers: Bagha **Company/Agency:** Dewberry

Flagging Date: 9/27/2003

Surveyors: Cumberledge, Booth **Company/Agency:** Greenhorne & O'Mara, Inc.

Survey Date: 10/15/2003 **Survey Type:** N/A

Projection: Maryland **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83

Latitude: 38.5036 **Easting:** 1,306,610

Longitude: -77.0267 **Northing:** 303,489

Approx. First Floor Elevation (Based on Measurement from Mark): N/A

Approx. Distance to Shoreline: 160 FT

Comments:

The community center building has been condemned.



DSCN0013.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.



PROJECT FEMA-1492-DR-MD High Water Mark Survey Project
COMM. NO. 240064
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** E-3
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT7_22 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Neale Sound **Quality of Mark:** Good
Flood Elevation: **6.3 FT** **Location:** Outside building wall
Flooding Type: Surge
Mark Address: 13040 Pine Grove Road
Description of Mark: water line, outside building

Type of Line: Mud line
Description of Physical Structure: wood house
Closest City: Cobb Island **County:** Charles **State:** Maryland

Flaggers: Schelling **Company/Agency:** Dewberry
Flagging Date: 9/27/2003

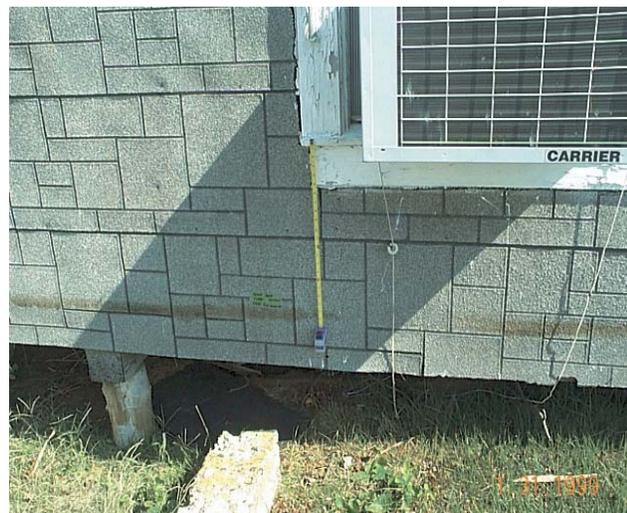
Surveyors: Cumberledge, Booth **Company/Agency:** Greenhome & O'Mara, Inc.
Survey Date: 10/13/2003 **Survey Type:** N/A

Projection: Maryland **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83
Latitude: 38.2700 **Easting:** 1,355,399
Longitude: -76.8583 **Northing:** 219,762

Approx. First Floor Elevation (Based on Measurement from Mark): N/A

Approx. Distance to Shoreline: 220 FT

Comments:



DCP_3471.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.



PROJECT FEMA-1492-DR-MD High Water Mark Survey Project
COMM. NO. 240089
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** E-5
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT9_5 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Patuxent River **Quality of Mark:** Good
Flood Elevation: **5.4 FT** **Location:** inside wall
Flooding Type: Surge
Mark Address: 7320 Benedict Ave (Tony's Riverhouse Restaurant)
Description of Mark: 21.75" above metal door frame

Type of Line: Mud/debris line

Description of Physical Structure: concrete building

Closest City: Benedict **County:** Charles **State:** Maryland

Flaggers: Ryan Carroll **Company/Agency:** Dewberry

Flagging Date: 10/6/2003

Surveyors: Weaver, Payabyab **Company/Agency:** Greenhome & O'Mara, Inc.

Survey Date: 10/31/2003 **Survey Type:** N/A

Projection: Maryland **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83

Latitude: 38.5102 **Easting:** 1,406,762

Longitude: -76.6782 **Northing:** 307,300

Approx. First Floor Elevation (Based on Measurement from Mark): N/A

Approx. Distance to Shoreline: 120 FT

Comments:

Other debris lines were evident in the building, most likely left behind while the surge was receding. Inside wall mark was transferred to glass door. SURVEYOR: construction/clean-up ongoing...proceed with caution.



DSCN0074.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.