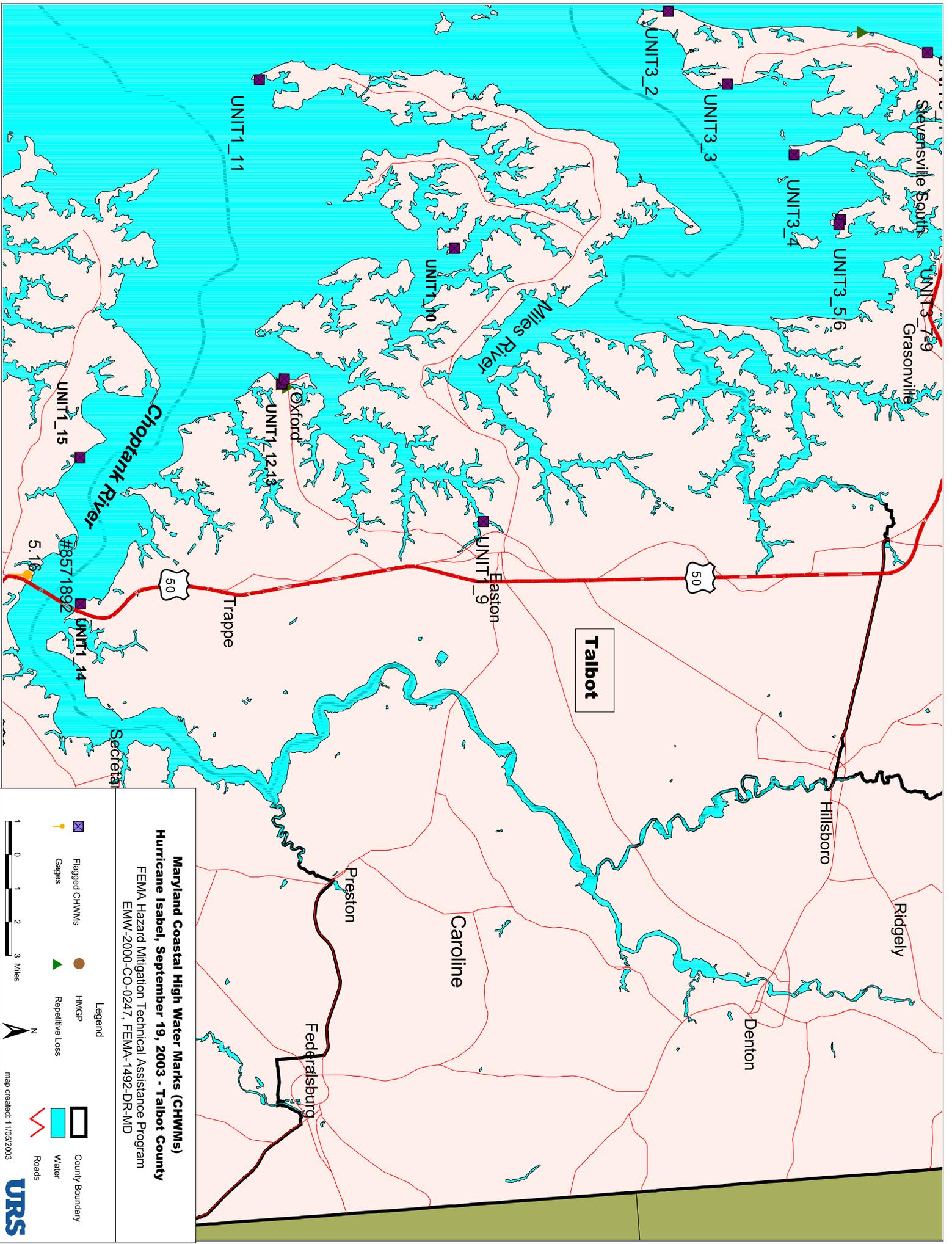


Appendices

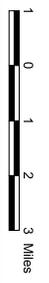
Appendix M: Survey Sheets from Talbot County



Maryland Coastal High Water Marks (CHWMs)
Hurricane Isabel, September 19, 2003 - Talbot County
 FEMA Hazard Mitigation Technical Assistance Program
 EMW-2000-CO-0247, FEMA-1492-DR-MD

Legend

- Flagged CHWMs
- HM/GP
- Repetitive Loss
- County Boundary
- Water
- Roads
- Gages



map created: 11/05/2003





PROJECT FEMA-1492-DR-MD High Water Mark Survey Project
COMM. NO. 240066
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** M-1
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT1_9 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Tred Avon River **Quality of Mark:** Fair
Flood Elevation: **5.54 FT** **Location:** outside building wall
Flooding Type: Surge
Mark Address: 956 Port Street
Description of Mark: 28.5" above concrete slab (rough section of slab, distance varies) □ 27" above smooth section of concrete slab

Type of Line: Discoloration, water mark
Description of Physical Structure: wood building
Closest City: Talbot unincorporated **County:** Talbot **State:** Maryland

Flaggers: Dudley **Company/Agency:** URS
Flagging Date: 9/26/2003

Surveyors: Blackwell, Chrimer **Company/Agency:** URS
Survey Date: 10/7/2003 **Survey Type:** N/A
Projection: Maryland **Vertical Datum:** NAVD 88 **Horizontal Datum:** NAD 83
Latitude: 38.7678 **Easting:** 1,571,816
Longitude: -76.0938 **Northing:** 399,470

Approx. First Floor Elevation (Based on Measurement from Mark): 3.17 FT
Approx. Distance to Shoreline: 150 FT

Comments:
site name: TACO 1-09, talked to owner/witness



DSCN0019.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. 240066
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** M-2
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT1_10 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Broad Creek **Quality of Mark:** Poor
Flood Elevation: **5.25 FT** **Location:** ground
Flooding Type: Surge
Mark Address: 23955 Vandenburg Lane
Description of Mark: no vertical reference, ground debris line, approx 30" to left of edge of driveway

Type of Line: Debris line

Description of Physical Structure: N/A

Closest City: Talbot unincorporated **County:** Talbot **State:** Maryland

Flaggers: Dudley **Company/Agency:** URS

Flagging Date: 9/27/2003

Surveyors: Blackwell, Chrismer **Company/Agency:** URS

Survey Date: 10/8/2003 **Survey Type:** N/A

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

Latitude: 38.7564 **Easting:** 1,529,076

Longitude: -76.2448 **Northing:** 395,437

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

Approx. Distance to Shoreline: 200 FT

Comments:

Site name: TACO 1-10, spoke with owner, she was cautious about allowing a mark



DSCN0020.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. 240066
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** M-3
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT1_11 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Choptank River **Quality of Mark:** Good
Flood Elevation: **5.5 FT** **Location:** inside on old water heater, moved outside
Flooding Type: Surge
Mark Address: Black Walnut Point Bed & Breakfast, past Naval Research Lab on Black Walnut Point Road
Description of Mark: 33 5/8" below top of white window sill

Type of Line: Mud line

Description of Physical Structure: wood building

Closest City: Talbot unincorporated **County:** Talbot **State:** Maryland

Flaggers: Dudley **Company/Agency:** URS

Flagging Date: 9/27/2003

Surveyors: Blackwell, Chrimer **Company/Agency:** URS

Survey Date: 10/7/2003 **Survey Type:** N/A

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

Latitude: 38.6729 **Easting:** 1,503,623

Longitude: -76.3385 **Northing:** 366,101

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

Approx. Distance to Shoreline: 120 FT

Comments:

TACO 1-11



DSCN0021.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. 240068
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** M-4
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT1_12 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Tred Avon River **Quality of Mark:** Good
Flood Elevation: **5.26 FT** **Location:** inside wall, transferred out
Flooding Type: Surge
Mark Address: 707 South Morris St
Description of Mark: 8" below window sill

Type of Line: Mud line

Description of Physical Structure: wood structure with concrete foundation

Closest City: Oxford **County:** Talbot **State:** Maryland

Flaggers: Dudley **Company/Agency:** URS

Flagging Date: 9/27/2003

Surveyors: Blackwell, Chrimer **Company/Agency:** URS

Survey Date: 10/7/2003 **Survey Type:** N/A

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

Latitude: 38.6815 **Easting:** 1,549,270

Longitude: -76.1707 **Northing:** 370,118

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

Approx. Distance to Shoreline: 380 FT

Comments:

site name: OXFO 1-12, repetitive loss property



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

DSCN0022.jpg



PROJECT FEMA-1492-DR-MD High Water Mark Survey Project
COMM. NO. 240068
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** M-5
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT1_13 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Tred Avon River **Quality of Mark:** Good
Flood Elevation: **5.21 FT** **Location:** inside wall, transferred outside
Flooding Type: Surge
Mark Address: 106 West Pier Street
Description of Mark: 17 5/8" above bottom of wood frame of garage door

Type of Line: Mud line

Description of Physical Structure: brick house

Closest City: Oxford **County:** Talbot **State:** Maryland

Flaggers: Dudley **Company/Agency:** URS

Flagging Date: 9/27/2003

Surveyors: Blackwell, Chrimer **Company/Agency:** URS

Survey Date: 10/7/2003 **Survey Type:** N/A

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

Latitude: 38.6825 **Easting:** 1,549,270

Longitude: -76.1735 **Northing:** 370,118

Approx. First Floor Elevation (Based on Measurement from Mark): 3.74 FT

Approx. Distance to Shoreline: 40 FT

Comments:

OXFO 1-13, repetitive loss property, owner also owns restaurant next door, 104 W. Pier St which sustained massive damage



DSCN0023.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. 240066
TYPE High Water Mark Survey **PREL.** 10/05/2003 **FINAL** 11/20/2003 **SHEET** M-6
CONTENTS Individual Historical High Water Mark Survey Report

Historical Mark: UNIT1_14 **Mark Type:** Coastal
Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003
Flooding Source: Choptank River **Quality of Mark:** Good
Flood Elevation: **5.09 FT** **Location:** inside garage door, transferred outside
Flooding Type: Surge
Mark Address: 1646 Ferrypoint Court
Description of Mark: 9 1/4" above concrete slab

Type of Line: Mud line

Description of Physical Structure: wood house

Closest City: Talbot unincorporated **County:** Talbot **State:** Maryland

Flaggers: Dudley **Company/Agency:** URS

Flagging Date: 9/27/2003

Surveyors: Blackwell, Chrimer **Company/Agency:** URS

Survey Date: 10/7/2003 **Survey Type:** N/A

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

Latitude: 38.5938 **Easting:** 1,583,866

Longitude: -76.0507 **Northing:** 337,677

Approx. First Floor Elevation (Based on Measurement from Mark): 4.32 FT

Approx. Distance to Shoreline: 50 FT

Comments:

site name: TACO 1-14. Mud line may have been affected by weather or cleanup action, resulting in lower than average elevation.



DSCN0024.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.