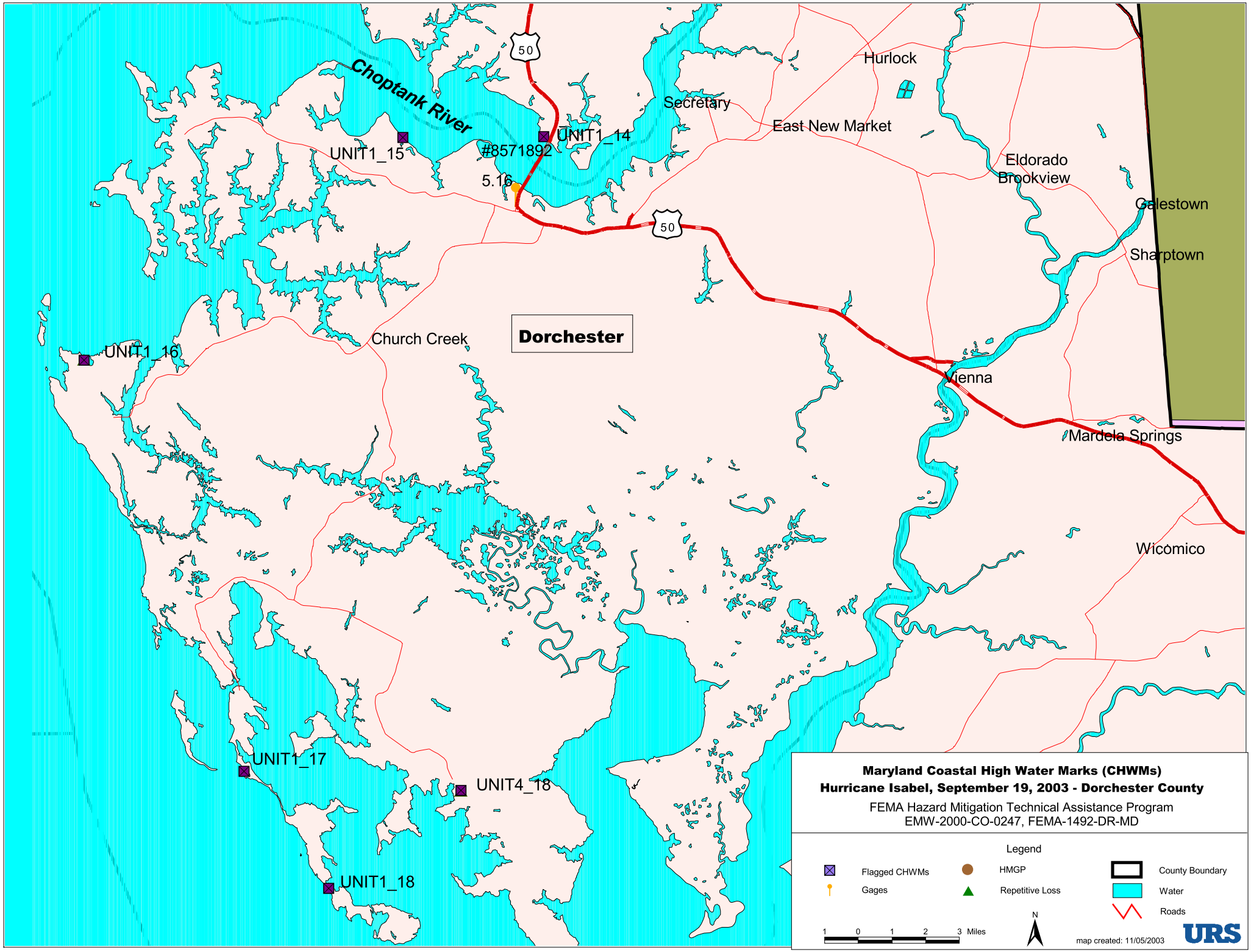
Appendices

Appendix F: Survey Sheets from Dorchester County


Choptank River
50
Hurlock
Secretary
East New Market
UNIT1_14
UNIT1_15
#8571892
5.16
Eldorado
Brookview
Galestown
Sharptown
Church Creek
Dorchester
UNIT1_16
Vienna
Mardela Springs
Wicomico
UNIT1_17
UNIT4_18
UNIT1_18
Maryland Coastal High Water Marks (CHWMs)
Hurricane Isabel, September 19, 2003 - Dorchester County
FEMA Hazard Mitigation Technical Assistance Program
EMW-2000-CO-0247, FEMA-1492-DR-MD
Legend
Flagged CHWMs
Gages
HMGP
Repetitive Loss
County Boundary
Water
Roads
1 0 1 2 3 Miles
N
map created: 11/05/2003
URS

URS	**PROJECT**	FEMA-1492-DR-MD High Water Mark Survey Project					
	COMM. NO.	240026					
	TYPE	High Water Mark Survey	**PREL.**	10/05/2003	**FINAL**	11/20/2003	**SHEET** F-1
	CONTENTS	Individual Historical High Water Mark Survey Report					

Historical Mark: UNIT1_15 **Mark Type:** Coastal

Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003

Flooding Source: Choptank River **Quality of Mark:** Poor

Flood Elevation: **5.34 FT** **Location:** ground

Flooding Type: Surge

Mark Address: 2010 Hornspoint Rd

Description of Mark: no vertical reference, ground debris line

Type of Line: Debris line

Description of Physical Structure: N/A

Closest City: Cambridge **County:** Dorchester **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: 38.5941 **Easting:** 1,561,001

Longitude: -76.1314 **Northing:** 337,449

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

Approx. Distance to Shoreline: 160 FT

Comments:

site name: DOCO 1-15

DSCN0025.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.

URS	**PROJECT**	FEMA-1492-DR-MD High Water Mark Survey Project					
	COMM. NO.	240026					
	TYPE	High Water Mark Survey	**PREL.**	10/05/2003	**FINAL**	11/20/2003	**SHEET** F-2
	CONTENTS	Individual Historical High Water Mark Survey Report					

Historical Mark: UNIT1_16 **Mark Type:** Coastal

Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003

Flooding Source: Slaughter Creek **Quality of Mark:** Good

Flood Elevation: **4.06 FT** **Location:** inside wall, transferred outside

Flooding Type: Surge

Mark Address: 324 Hooper Neck Road

Description of Mark: 10" below window sill, 31" above ground

Type of Line: Mud line

Description of Physical Structure: wood house

Closest City: Taylors Island **County:** Dorchester **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: 38.4951 **Easting:** 1,509,829

Longitude: -76.3150 **Northing:** 300,593

Approx. First Floor Elevation (Based on Measurement from Mark): 1.48 FT

Approx. Distance to Shoreline: 150 FT

Comments:

DOCO 1-16, repetitive loss property, extreme damage to building structure, floor extremely warped, driveway still had 3-5" of water. Mud line may have been affected by weather or cleanup action, resulting in lower than average elevation.

DSCN0026.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.

URS	**PROJECT**	FEMA-1492-DR-MD High Water Mark Survey Project					
	COMM. NO.	240026					
	TYPE	High Water Mark Survey	**PREL.**	10/05/2003	**FINAL**	11/20/2003	**SHEET** F-3
	CONTENTS	Individual Historical High Water Mark Survey Report					

Historical Mark: UNIT1_17 **Mark Type:** Coastal

Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003

Flooding Source: Tar Bay **Quality of Mark:** Good

Flood Elevation: **4.9 FT** **Location:** inside wall, transferred out

Flooding Type: Surge

Mark Address: 1210 Horse Point Road

Description of Mark: 18 1/4" below window sill

Type of Line: Mud line

Description of Physical Structure: wood house

Closest City: Fishing Creek **County:** Dorchester **State:** Maryland

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

Flagging Date: 9/27/2003

Surveyors: Pavlis, Ireton **Company/Agency:** URS

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

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

Latitude: 38.3096 **Easting:** 1,536,180

Longitude: -76.2255 **Northing:** 231,608

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

Approx. Distance to Shoreline: 170 FT

Comments:

FISH 1-17. Mud line may have been affected by weather or cleanup action, resulting in lower than average elevation.

DSCN0027.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.

URS	**PROJECT**	FEMA-1492-DR-MD High Water Mark Survey Project					
	COMM. NO.	240026					
	TYPE	High Water Mark Survey	**PREL.**	10/05/2003	**FINAL**	11/20/2003	**SHEET** F-4
	CONTENTS	Individual Historical High Water Mark Survey Report					

Historical Mark:	UNIT1_18	**Mark Type:**	Coastal
Flood Event:	Hurricane Isabel	**Date of Flood:**	09/19/2003
Flooding Source:	Chesapeake Bay	**Quality of Mark:**	Good
Flood Elevation:	**4.61 FT**	**Location:**	inside wall, transferred out
Flooding Type:	Surge		
Mark Address:	1728 Hoopersville Road		
Description of Mark:	24.5" below window sill		

Type of Line: Mud line

Description of Physical Structure: wood house

Closest City: Hoopersville **County:** Dorchester **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:	38.2567	**Easting:**	1,550,694
Longitude:	-76.1778	**Northing:**	213,527

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

Approx. Distance to Shoreline: 160 FT

Comments:

site name: HOOP 1-18. Mud line may have been affected by weather or cleanup action, resulting in lower than average elevation.

DSCN0028.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.

URS	**PROJECT**	FEMA-1492-DR-MD High Water Mark Survey Project					
	COMM. NO.	240026					
	TYPE	High Water Mark Survey	**PREL.**	10/05/2003	**FINAL**	11/20/2003	**SHEET** F-5
	CONTENTS	Individual Historical High Water Mark Survey Report					

Historical Mark: UNIT4_18 **Mark Type:** Coastal

Flood Event: Hurricane Isabel **Date of Flood:** 09/19/2003

Flooding Source: Honga River **Quality of Mark:** Good

Flood Elevation: **See comments** **Location:** inside wall

Flooding Type: Surge

Mark Address: 2275 Wingate Point Rd

Description of Mark: 33.75" above top of concrete garage slab, measured from inside garage door frame on left side of door.

Type of Line: Mud/debris line, personal account

Description of Physical Structure: wood garage

Closest City: Wingate **County:** Dorchester **State:** Maryland

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

Flagging Date: 9/27/2003

Surveyors: **Company/Agency:**

Survey Date: **Survey Type:** N/A

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

Latitude: 38.3001 **Easting:** 1,570,616

Longitude: -76.1019 **Northing:** 231,925

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

Approx. Distance to Shoreline: 1200 FT

Comments:

Shop/garage is a repetitive loss structure. There is no flood insurance policy in place for the house or the garage. Both structures were affected by storm surge. Location not accessible to survey crew.

DSCN0061.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.