

Deal Island Peninsula Project Risk Assessment Site Worksheet

Background: Site assessments are crucial for gaining understanding of conditions in real time and on-location. Once true conditions are noted, resilience practices can be selected that provide benefits without creating adverse impacts.

Please answer the following questions:

SECTION 1: GENERAL QUESTIONS

1) Today's Date: _____

2) Your Name & Email or Phone : _____

3) Focus Area:

- Dames Quarter
- Oriole
- Deal Island Shoreline area
- Harbors (Wenona, Deal Island & Scott's Cove)

4) Location or Address: (please include road name and other identifying characteristics)

5) Type of Site: (please check all that apply)

- residence
- commercial building
- roadway
- roadside ditch
- non-roadside ditch
- shoreline
- other: _____

6) What are the concerns for this site? (please check all that apply)

- flooding with tides
- flooding with storms
- overtopping of non-roadside ditch
- overtopping of roadside ditch
- abandonment or disrepair of property
- encroachment of marsh
- sinking of land
- erosion of shoreline
- weakness or disrepair of bulkheading/ riprap
- other Please describe: _____

7) Is this property adjacent to: (please check all that apply)

- shoreline
- marsh
- ditch
- other residences
- other Please describe: _____

8) Is this site in the floodplain?

- no
- yes
- don't know

9) Did you take pictures at this site?

- no
- yes

If yes, please email to dealislandpeninsulaproject@gmail.com with information recording the date, time, and location of the photo. We highly encourage you to send photos!

SECTION 2: SOCIO-DEMOGRAPHIC QUESTIONS

(please skip to Section 3 if no inhabitants at this property/site)

10) (If known) Who is the current property owner? _____

11) Do the current residents of this household:

- own the Property
- rent the Property
- don't Know

12) How much time do the current residents spend there?

- full-time year round occupant
- part-time occupant year round
- seasonal full-time occupant
- seasonal part-time occupant
- other Please describe: _____

13) Are the heads of this household:

- born here
- moved here
- one born here and one moved here
- don't know

14) Please select the best estimate of the head(s) of household age range:

<u>Male Head</u>	<u>Female Head</u>
<input type="checkbox"/> 20-30	<input type="checkbox"/> 20-30
<input type="checkbox"/> 31-40	<input type="checkbox"/> 31-40
<input type="checkbox"/> 41-50	<input type="checkbox"/> 41-50
<input type="checkbox"/> 51-60	<input type="checkbox"/> 51-60
<input type="checkbox"/> 61-70	<input type="checkbox"/> 61-70
<input type="checkbox"/> 71-80	<input type="checkbox"/> 71-80
<input type="checkbox"/> > 81	<input type="checkbox"/> > 81
<input type="checkbox"/> NA	<input type="checkbox"/> NA

15) Are the heads of household?

<u>Male Head</u>	<u>Female Head</u>
<input type="checkbox"/> working	<input type="checkbox"/> working
<input type="checkbox"/> retired	<input type="checkbox"/> retired
<input type="checkbox"/> not working (but not yet retired)	<input type="checkbox"/> not working (but not yet retired)
<input type="checkbox"/> other: _____	<input type="checkbox"/> other: _____

16) Do the heads of household have paid work in the community?

<u>Male</u>	<u>Female</u>
<input type="checkbox"/> no	<input type="checkbox"/> no
<input type="checkbox"/> yes	<input type="checkbox"/> yes

17) Do residents regularly attend any local church?

no
 yes
If yes, which one: _____

18) Are the residents currently active in any local community organizations?

no
 yes
If yes, which ones:
 Lion's Club
 Volunteer Fire Department
 Skipjack Heritage, Inc.
 other: _____

19) Are there children under 18 living in the household?

no
 yes
If yes, do these children attend local schools? _____
 don't know

20) Are there disabled/ limited mobility/ or elderly people living in the household?

no
 yes
 don't know

21) Are residents able to financially handle moderate storm damage?

no
 most likely
 yes
 don't know

SECTION 3: RISKS TO STRUCTURES QUESTIONS:

(please skip to Section 4 if no structures on this property/site)

22) Is the main structure elevated?

no

yes

If yes, this structure is elevated approximately _____ feet.

23) If elevated, it is elevated with?

pilings

foundation with flood vents

foundation without flood vents

other (please describe): _____

24) This structure has a/an:

elevated HVAC unit on wall

elevated HVAC unit on platform

unelevated HVAC unit (slab on grade)

no HVAC unit

flood vents (1 ft above grade)

crawl space

25) Are there free standing propane or oil tanks on this property?

no

yes

If yes, are they anchored?

no

yes

don't know

26) Are there additional structures on the property?

no

yes

27) These additional structures on the property include: (please check all that apply)

- shed
- free standing garage
- crab shanty
- barn
- secondary house (permanent)
- mobile home
- other Please describe: _____

SECTION 4: SHORELINE QUESTIONS:

(please skip to Section 5 if this property has no shoreline)

28) The shoreline here is: (please choose all that apply)

- bulkheaded
- rip rap
- natural

29) Overall, shoreline seems stable and in good condition:

- no
- yes

30) If bulkheaded, the bulkhead is/has: (please check all that apply)

- good condition
- leaning
- holes behind it
- visible filter cloth
- missing boards

31) If rip rap, the rip rap is/has: (please check all that apply)

- good condition
- misshapen or damaged appearance

- holes behind it
- missing rocks

32) If natural, the natural shoreline is/has: (please check all that apply)

- good condition
- an undercut bank
- some erosion
- significant erosion
- approximate height of the bank (in feet)

SECTION 5: FLOODING QUESTIONS:

(please skip if flooding is not relevant to this site)

33) Has there been flooding (i.e., standing water) over the past month?

- no
 - yes
- If yes, about how many times? _____

34) On average, this flooding was:

- low standing water (<2in)
- moderate standing water (2-5 in)
- high standing water (6in+)

35) Did the flooding in the past month cause any damage?

- no
 - yes
- If yes, please describe: _____

36) What circumstances lead to repeated flooding in this location? (check all that apply)

- full moon combined with high tide
- high tide
- storm event
- wind
- other (please describe): _____

37) Please describe unusual flooding over that last year and what may have caused it:

38) Has there been any flood damage in the past? If yes, please select what was damaged and circle whether the damage was “minimal,” “moderate,” or “significant.”

Primary Residence	Minimal	Moderate	Significant
Secondary Structure	Minimal	Moderate	Significant
Shoreline	Minimal	Moderate	Significant
Business (e.g., crab shanty, marina, shop)	Minimal	Moderate	Significant
Other (please describe)	Minimal	Moderate	Significant

39) To your knowledge is the property in the floodplain?

- no
- yes
- don't know

40) Has the property owner taken action to address flooding?

- no
- yes
- don't know

If yes, please describe what they have done?

SECTION 6: DITCH QUESTIONS:

(please skip if ditches are not present at this site)

41) What kind of ditches are present?

- roadside
- non-roadside

42) How large are the ditches, approximately?

- < 1 ft across
- > 1 ft across
- >2 ft across
- >3 ft across

43) Are ditches tidal or nontidal?

- tidal
- non-tidal
- both
- don't know

44) Are ditches:

- filled with water
- empty
- growing plants
- growing algae
- uneven levels going under roadways or driveways

45) How recently have these ditches been cleaned out?

- within the past year
- within the past 5 years
- within the past 10 years
- within 10-20 years

_____ >20 years ago

Thank you for filling out this worksheet!

Please return to Jo Johnson 240-351-3478/ [kjohms11@umd.edu](mailto:kjohns11@umd.edu)

You can also email us anytime at: dealislandpeninsulaproject@gmail.com