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Climate Change Evaluation Criteri Projected impacts are base Mid-Atlantic Region. Relat between 1-1.3 feet by 2050 companion guide that ider	d on the best availab ive sea-level rise projo and 2.7-3.4 feet by 2	ections for the Ma 2100. Please refe	r to the
Property Name:	C	County:	
Scoring: In interpreting the scale i capacity of the property to provide and storm surge through adaptati	e resiliency to climate	change stressors	
I. Sea Level Rise Resiliency Identifying potential sea level rise management plan to help increase	2	•	n a long-term
Overall Rating: Overall Rating: Overall Rating: Overall Rating: Overall Rating: Overall Rating: Overall Rating	$^{\bigcirc}$ low	○ moderate	$^{\bigcirc}$ high
	Sea Level Rise Resil	liency Potential	
i. Is there potential for inur	ndation on the proper	rty by 2050?	
	Y	es O No O	
If yes, roughly how	much of the property	would be inunda	ated?
a. 76-100%			$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
b. 51-75%			0
c. 26-50%			0
d. 25% or less			$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
ii. Is there potential for inu	ndation on the prope	rty by 2100?	
	Ŷ	es O No O	
If yes, roughly how	much of the property	would be inunda	ated?
a. 76-100%			$^{ m O}$ slight
b. 51-75%			0
c. 26-50%			0
d. 25% or less			⊖ high





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II. Wetland Migration Identifying the potential for future we wetlands into the future.	etland areas ca	n help prioritize site	s to maintain coasta
Overall Rating: $\bigcirc$ slight	$^{\circ}$ low	○ moderate	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
	Wetland Mig	gration Potential	
i. Percentage of the property v	vetlands poten	tially inundated by	2050
a. 76-100% of the pro	perty within th	e 0-2' elevation	$^{ m O}$ slight
b. 51-75% of the prop	erty within the	0-2' elevation	0
c. 26-50% of the prop	erty within the	0-2' elevation	0
d. 25% or less of the p	property within	the 0-2' elevation	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
ii. Percentage of the property	wetlands poter	ntially inundated by	2100
a. 76-100% of the pro	perty within th	e 2-5' elevation	⊖ slight
b. 51-75% of the prop	erty within the	2-5' elevation	0
c. 26-50% of the prop	erty within the	2-5' elevation	0
d. 25% or less of the p	property within	the 2-5' elevation	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
iii. Land Use/Land Cover			
a. Low to medium resi	dential develop	oment	$^{ m O}$ slight
b. Forested, orchards a	and open urbai	n land	0
c. Wetlands, scrub shr	ub, pastures, a	nd cropland	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
d. Not applicable/no se high residential	• • •	y is used by heavy ti ercial development	•
iv. Living Shoreline Suitability (	Worcester, So	merset and Calvert	Counties)
a. May not be suitable	for living shore	line	○ slight
b. May be suitable for I	hybrid option		0
c. May be suitable for s	oft stabilizatio	n	$^{\bigcirc}$ high
d. Not applicable/no sc	ore		





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## III. Restoration Potential

Identifying restoration potential may help to build the resiliency of the site if forest canopy and wetland areas were improved and/or expanded.

Overall Rating:	⊖ slight	○ low	$^{\bigcirc}$ moderate	$^{\bigcirc}$ high		
		Restoratio	on Potential			
i. Percentage of pro	perty currently	forested	%			
ii. Current or future	reforestation pr	ojects on site	yes no			
lf yes: a. Reforest	ation planned fo	or acres				
1. If	1. If most acreage is within 2-5' elevation					
2. If	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$					
lf no:						
a. There is	$\circ$ slight					
b. There is	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$					
iii. Percentage of pro	perty is wetland	d%				
a. Wetland	s onsite					
1. I	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$					
2. 1	f wetlands are d	itched or dike	d	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$		
3.	Not applicable/r	no score				





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## IV. Natural Storm Surge Protection

Identifying the natural capacity of storm surge protection a property may provide surrounding communities, protected lands, and/or adjacent properties may help prioritize the protection of the property.

Overall Ra	nting: Oslight	$^{ m O}$ low	○ moderate	$^{\bigcirc}$ high			
	1	Natural Storm S	Surge Potential				
i. Storm Si	urge Buffers						
а.	Stabilization Struct	ures present		$^{\bigcirc}$ slight			
b.	Bare bank			0			
C.	Beach buffer prese	ent		0			
d.	Marsh buffer prese	ent		$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$			
ii. Shorelir	ne Rates of Change						
а.	High (less than -8ft)	)		$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$			
b.	Moderate (-4 to -7.	99ft)		0			
C.	Low (-2 to -3.99)			0			
d.	Slight (less than -2f	t)		$^{\bigcirc}$ high			
iii. Natural storm surge resiliency of the site: select the category that best describes the property							
а.	Majority of the pro	perty is within	Category 1	$^{\bigcirc}$ slight			
b.	Majority of the pro	perty is within (	Category 1 & 2	0			
C.	Majority of the pro	perty is within (	Category 2 & or 3	0			
d.	Majority of the pro	perty is within (	Category 4 or abov	ve $^{ m O}$ high			
e.	Not applicable/no s	score					
iv. Land Use/Land Cover							
а.	Open urban lands			$^{\bigcirc}$ slight			
b.	Agriculture, row cro	ps, cropland, p	asture	Ο			





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c. Brus	sh, beaches, orcha	rds and viney	ards	0
d. We	tlands and deciduo	ous/mixed/ev	ergreen forest	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
use	t applicable/no sco d by heavy transpo elopment and/or t	ortation, resi	dential/commercia	•
V. Potential Barriers Identifying the potent help inform the long-t	ial barriers to wetl	and migratio		d sea-level rise may
Overall Rating	: <sup>O</sup> slight	○ low	○ moderate	$^{\bigcirc}$ high
		Habitat N	Aigration Potentia	1
i. Stabilization	Structures			
a. Yes	s, majority of shore	line is harde	ned	$^{ m O}$ slight
b. Yes	s, some of the shor	eline is harde	ened	0
c. No	hardened structur	es but not fu	lly vegetated	0
d. Liv	ing shoreline or ful	ly vegetated		$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
	ional structures pr ere is another type	-		
ii. Bank Cover				
a Bare	e Bank Cover			$^{\bigcirc}$ slight
b. Par	tial Bank Cover (pa	rtial vegetate	ed)	0
c. Tota	I bank Cover (vege	etated)		$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
iii. Bank Height				
a. 5-	30 feet high			○ slight
b. 0-	5 feet high			$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$





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iv. Is the Bank undercut?	
a. Yes	$^{ m O}$ slight
<ul><li>b. No</li><li>c. Not applicable/no score</li></ul>	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$
v. Shoreline Rates of Change	
a. High	$^{ m O}$ slight
b. Moderate	0
c. Low	0
d. Slight	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$

## VI. Environmental Hazard Mitigation

Identifying the potential hazards that inundation and temporal flooding of septic tanks and drain fields, fuel tanks, and animal feed operations may pose to the property will help inform an effective management plan to increase the long-term resiliency of the property through the removal of these hazards.

Overall Ra	ating:	○ slight	$^{\bigcirc}$ low	○ moderate	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$	
			Mitigatio	on Potential		
i. Does the property have a septic system?						
a.	No				○ slight	
b. `	b. Yes, but it is not likely to be inundated				0	
C. `	c. Yes, likely to be inundated by year 2100			0		
d. `	Yes, like	ely to be inund	dated by year 2	050	$^{igodoldoldoldoldoldoldoldoldoldoldoldoldol$	
ii. Does the	ii. Does the property have an existing or decommissioned underground fuel tank?					
a.	No				○ slight	
b. `	Yes, bu	t not likely to	be inundated		0	
c. `	Yes, like	ely to be inund	dated by year 2	100	0	
d. `	Yes, like	ely to be inund	dated by year 2	050	$^{\bigcirc}$ high	





## iii. Current or past animal feeding operations present?

a.	No	0	slight
b.	Yes and not likely be inundated by sea level rise	0	
C.	Yes and likely to be inundated by year 2100	0	
d.	Yes and likely to be inundated by year 2050	0	high



