Site Background, Desktop Analysis, & Assessment

Site Assessment

Completed by:		Site Name:	
Site Locality:		Waterway:	
Site Address:			

This worksheet is intended to help professionals evaluate a site and assist in developing a successful living shoreline design and implementation plan. The Site Background section should be completed from your own observations and by interviewing the property owner(s). The Desktop Analysis portion should be completed prior to visiting the site using digital tools and available data. The Site Visit section is to be completed on-site.

Property Owner Name:		Phone:
PO Email:		Date of Interview:

SITE BACKGROUND

How long have the current owners had the property?		Is the property the primary residence?	YES NO
If the property is NOT the primary residence, how much time do the owners spend at the property?		Who will perform regular maintenance at the site?	PO Hired Pro Other:

Current uses of shoreline:	Anticipated uses of shoreline:
Shoreline problems identified by owner:	What are the property owners' goals for the shoreline/property?
Property owner concerns about living shorelines or other shore stabilization methods:	Specific safety considerations:

Budget:	$	Interested in cost-share, grant or loan programs?	

Condition of adjacent/nearby shorelines:		Type of protection present:
	Protected Unprotected	
Whole property characteristics: Evaluate the condition of upland landscape features and note any visible signs of erosion.		Estimate the % land use cover for each type: Impervious surface: _____% Turf: _____% Tree Canopy: _____% Other: _____%

Are other BMPs or conservation landscaping present?	YES NO	Type:	

DESKTOP ANALYSIS

Shore orientation(s)	N NE NW E W S SE SW				Shore Length:	ft
Fetch:	NE NW SE SW				Shore Width:	ft
Depth Offshore:	At toe of bank	20'	40'	Shore Morphology	Pocket Straight	Headland Irregular
Nearshore Morphology		Bars	Tidal Flats	Other:		
Tide Data	MLW:	MHW:	MTL:	Mean Tide Range:		
1.5x Mean Tide Range: *(calculate using MTR)*				Average Salinity:	PSU	
Is Submerged Aquatic Vegetation (SAV) present?		YES	NO			
Erosion Rate:	___ Very high accretion (> +10 ft/yr) ___ High accretion (+10 to +5 ft/yr) ___ Medium accretion (+5 to +2 ft/yr) ___ Low Accretion (+2 to +1 ft/yr) ___ Very Low Accretion (+1 to 0 ft/yr)			___ Very High Erosion (> -10 ft/yr) ___ High Erosion (-5 to -10 ft/yr) ___ Medium Erosion (-2 to -5 ft/yr) ___ Low Erosion (-1 to -2 ft/yr) ___ Very Low Erosion (0 to -1 ft/yr)		
Project Coordinates	Latitiude			Longitude		
Proximity to Navigation Channel:						
Note easements or utilities located in the project area:						
Notes:						

SITE VISIT

Date of Site Visit:		Time:		Tide Level:	
Site Boundaries:					
Existing upland structures & distance from shoreline:					
Site Access: Access by water? Will grading or trimming be required?				Sources of freshwater runoff/outfall:	
Existing shoreline structures & condition:					
Buffer condition, vegetation type, soil characteristics:					
Bank condition:	Stable Eroding	Bank Height:	ft		
Existing Slope:	3:1 5:1 6:1 8:1 10:1 _____		Evidence of water seep?	YES	NO
Erosion:	None Light Moderate Severe				
Erosion Source:					
Boat Activity:	None Minimal Moderate Heavy				
Shore Zone:	Sand Marsh	Width:	ft	Elevation:	ft
Backshore Zone:	Sand Marsh	Width:	ft	Elevation:	ft
Shellfish/oysters present?	YES NO				
Nearshore Sediment Type & Stability: *(sand, peat, clay, etc.)*	Hard Soft	Muck	Silt	Sand	Clay
Existing shoreline vegetation & condition:					
Benchmarks:					
Notes:					