

Desktop Analysis - Datum NAVD88

DESKTOP ANALYSIS	Shore orientation(s):	N NE NW E W S● SE SW●				Shore Length:	~ 300 ft	Shore Width:	~ 15 ft	
	Average Fetch:	Very High (> 15 miles)		High (5-15 miles)		Medium (1-5 miles)		Low (0.5 - 1 mile)		Very Low (< 0.5 miles)●
	Longest Fetch:	0.42 mi	Direction:	ENE	Shore Morphology:	Pocket	Straight	Headland	Irregular	Under Bridge
	Depth Offshore:	2 ft	Nearshore Morphology:		Bars	Tidal Flats	Other:			
	Tide Data	MLW: -1.678	MHW: 0.752	MTL: -0.468	Mean Tide Range:	2.5 ft	1.5x Mean Tide Range: (calcul)		1.942 ft	NAVD88
	Storm Surge:	10 yr: 5.1 ft		50 yr: 6.5 ft		100 yr: 7.1 ft		Average Salinity:	21 PSU	NAVD88
	Expected SLR:	10 yr: 1.19 ft (2033)		20 yr: 1.77 ft (2043)		50 yr: 4 ft (2073)		Saltwater	Freshwater	NAVD88
	Erosion Rate:	<input type="checkbox"/> Very high accretion (> +10 ft/yr) <input type="checkbox"/> High accretion (+10 to +5 ft/yr) <input type="checkbox"/> Medium accretion (+5 to +2 ft/yr) <input type="checkbox"/> Low Accretion (+2 to +1 ft/yr) <input type="checkbox"/> Very Low Accretion (+1 to 0 ft/yr)			<input type="checkbox"/> Very High Erosion (> -10 ft/yr) <input type="checkbox"/> High Erosion (-5 to -10 ft/yr) <input type="checkbox"/> Medium Erosion (-2 to -5 ft/yr) <input type="checkbox"/> Low Erosion (-1 to -2 ft/yr) <input checked="" type="checkbox"/> Very Low Erosion (0 to -1 ft/yr)			Is Submerged Aquatic Vegetation (SAV) present?	YES	NO
	Design Wave:	Height	N/A	Period	N/A	Proximity to Navigation Channel:		~ 5000 ft		
	Note easements or utilities located in the project area:									
Notes:										
elevations in NAV88 based on NOAA online vertical datum transformation from MLLW (0.0) to NAVD88 (-1.808 ft)										

Desktop Analysis - Datum MLW

DESKTOP ANALYSIS	Shore orientation(s):	N NE NW E W S• SE SW•				Shore Length:	~ 300 ft	Shore Width:	~ 15 ft	
	Average Fetch:	Very High (> 15 miles)		High (5-15 miles)		Medium (1-5 miles)		Low (0.5 - 1 mile)		Very Low (< 0.5 miles)•
	Longest Fetch:	0.37 mi	Direction:	SW	Shore Morphology:	Pocket	Straight	Headland	Irregular	
	Depth Offshore:	2 ft	Nearshore Morphology:		Bars	Tidal Flats	Other:			
	Tide Data	MLW: 0.13	MHW: 2.56	MTL: 1.34	Mean Tide Range:	2.5 ft	1.5x Mean Tide Range: (calcula		3.75 ft	
	Storm Surge:	10 yr: 5.1 ft (6.78 ft)		50 yr: 6.5 ft (8.18 ft)		100 yr: 7.1 ft (8.78 ft)		Average Salinity:	21 PSU	NAVD88 (MLW Datum)
	Expected SLR:	10 yr: 1.19 ft (2033)		20 yr: 1.77 ft (2043)		50 yr: 4 ft (2073)		Saltwater	Freshwater	NAVD88
	Erosion Rate:	<input type="checkbox"/> Very high accretion (> +10 ft/yr) <input type="checkbox"/> High accretion (+10 to +5 ft/yr) <input type="checkbox"/> Medium accretion (+5 to +2 ft/yr) <input type="checkbox"/> Low Accretion (+2 to +1 ft/yr) <input type="checkbox"/> Very Low Accretion (+1 to 0 ft/yr)			<input type="checkbox"/> Very High Erosion (> -10 ft/yr) <input type="checkbox"/> High Erosion (-5 to -10 ft/yr) <input type="checkbox"/> Medium Erosion (-2 to -5 ft/yr) <input type="checkbox"/> Low Erosion (-1 to -2 ft/yr) <input checked="" type="checkbox"/> Very Low Erosion (0 to -1 ft/yr)		Is Submerged Aquatic Vegetation (SAV) present?	YES	NO	
	Design Wave:	Height	N/A	Period	N/A	Proximity to Navigation Channel:		~ 5000 ft		
	Note easements or utilities located in the project area:									
Notes:										