

TENNESSEE VALLEY



ESTUARY FACT SHEET

Location: 37.841504, -122.551866

Estuary size: 1.6 ha

Watershed area: 6.17 sq. km

Summary: The site's CRAM Index score (88) fell into the *good* condition category. The saltmarsh common yellowthroat is the only special status species of concern present within the estuary. Land cover within the watershed is dominated by shrub/grassland. Much of the estuary's historical wettable lowland, open water, and woody vegetation habitat is now located behind a levee.



CRAM Attribute and Index Scores

ATTRIBUTE	SITE SCORE	AVERAGE COUNTY SCORE
Buffer and Landscape	88	84
Hydrology	92	87
Physical Structure	75	52
Biotic Structure	97	78
Index Score	88	75

● Poor: 25-49 ● Fair: 50-74 ● Good: 75-100

CRAM index scores for the estuary compared to the Marin County average.

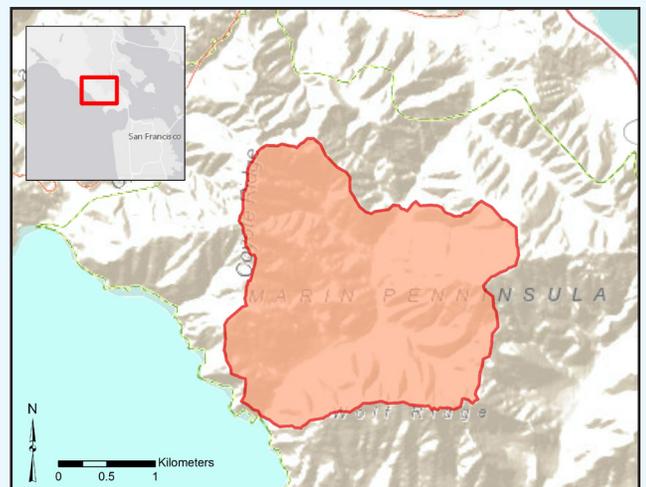
Special Status Species

Coho salmon	●
Red-legged frog	●
Saltmarsh common yellowthroat	●
Steelhead	●
Tidewater goby	●
Western pond turtle	●
Western snowy plover	●

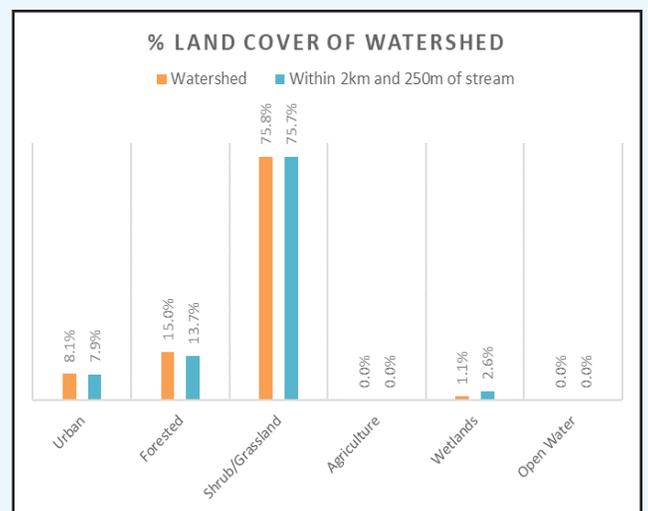
● Present in estuary ● Present in watershed
 ● Potential for habitat ● No known presence

Known presence of select special status species at site (CNDDDB 2017).

Watershed Information

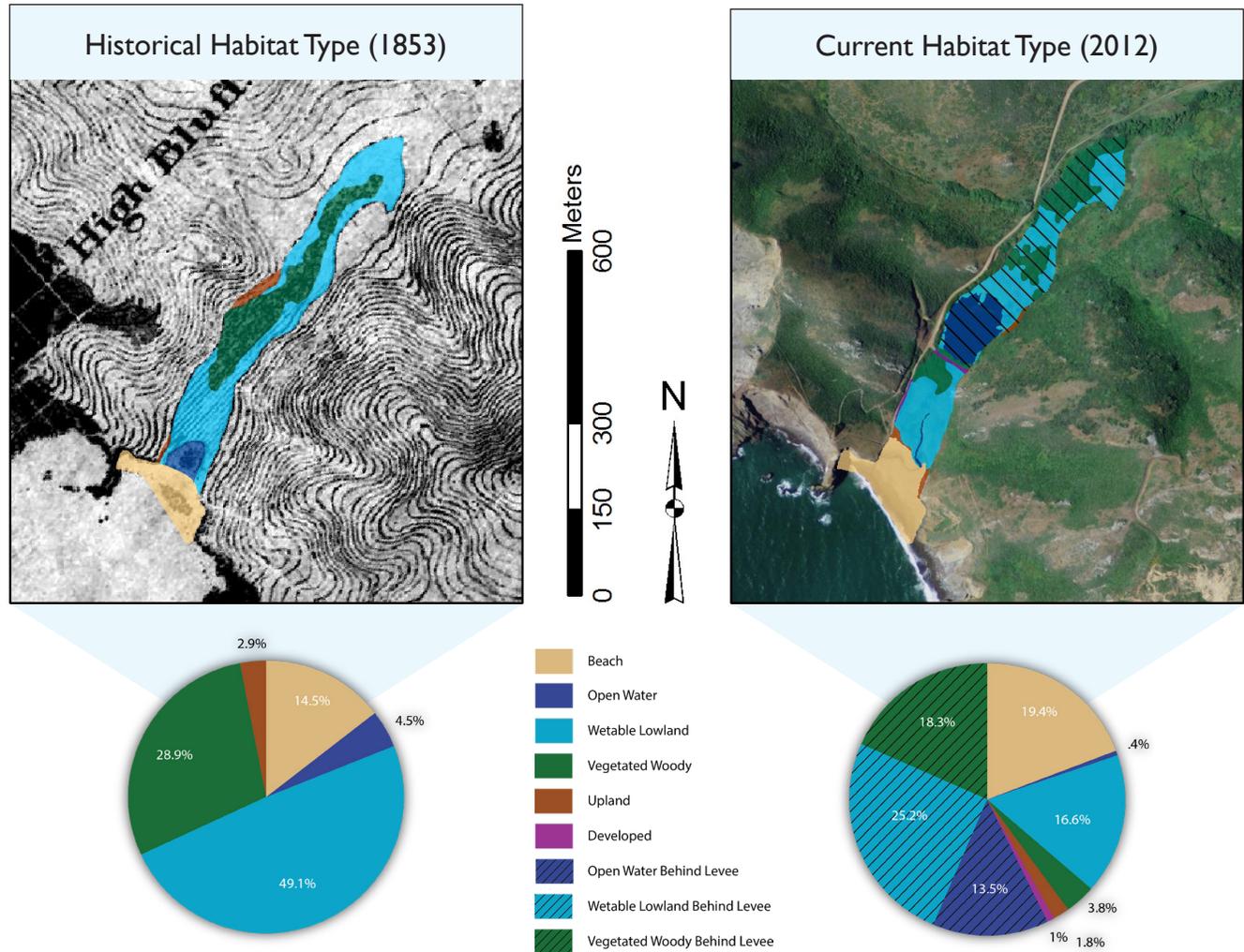


Watershed boundary and location map.



Percent land cover within entire watershed compared to within a buffer of 2km upstream of outlet and 250 meters from stream.

Habitat Change Analysis



Habitat type maps and charts for 1853 and 2012. Habitat maps use USGS T-sheets for the historical map and National Agriculture Imagery Program (NAIP) imagery (2012) for the current map. Hatched areas are now located behind a levee.

Management Recommendations



Tennessee Valley Lagoon

Remove the levee and restore connectivity between the lagoon, beach, riparian, and wettable lowland habitats.