

RODEO VALLEY



ESTUARY FACT SHEET

Location: 37.831822, 37.831822

Estuary size: 17.8 ha

Watershed area: 11.4 sq. km

Summary: The site's CRAM Index score (73) fell into the *fair* condition category. Special status species of concern found within the estuary include: steelhead, red-legged frog, tidewater goby, and saltmarsh common yellowthroat. Land cover within the watershed is dominated by shrub/grassland. Some of the estuary's historical wettable lowland and open water habitat has changed to woody vegetation.



CRAM Attribute and Index Scores

ATTRIBUTE	SITE SCORE	AVERAGE COUNTY SCORE
Buffer and Landscape	87	84
Hydrology	83	87
Physical Structure	44	52
Biotic Structure	79	78
Index Score	73	75

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

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

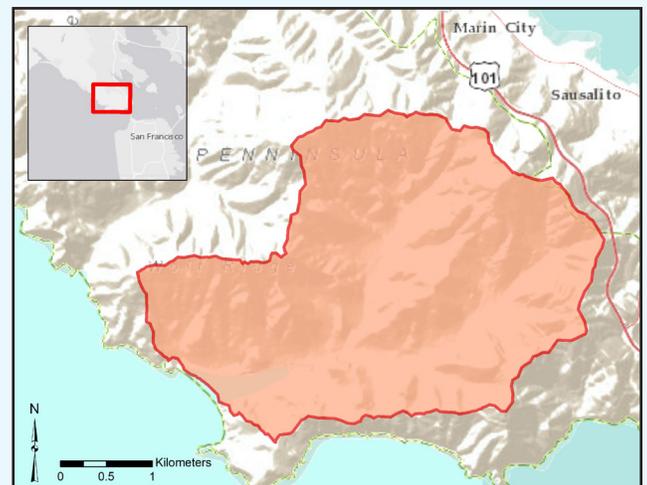
Special Status Species

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

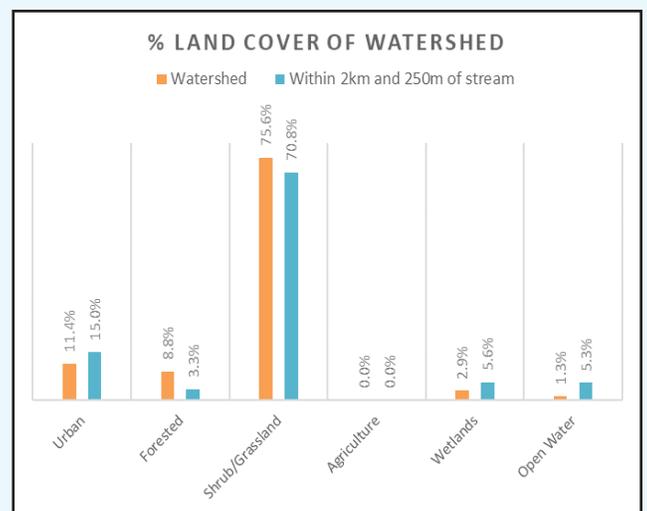
● Present in estuary ● Present in watershed
 ● Potential for habitat ● No known presence

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

Watershed Information

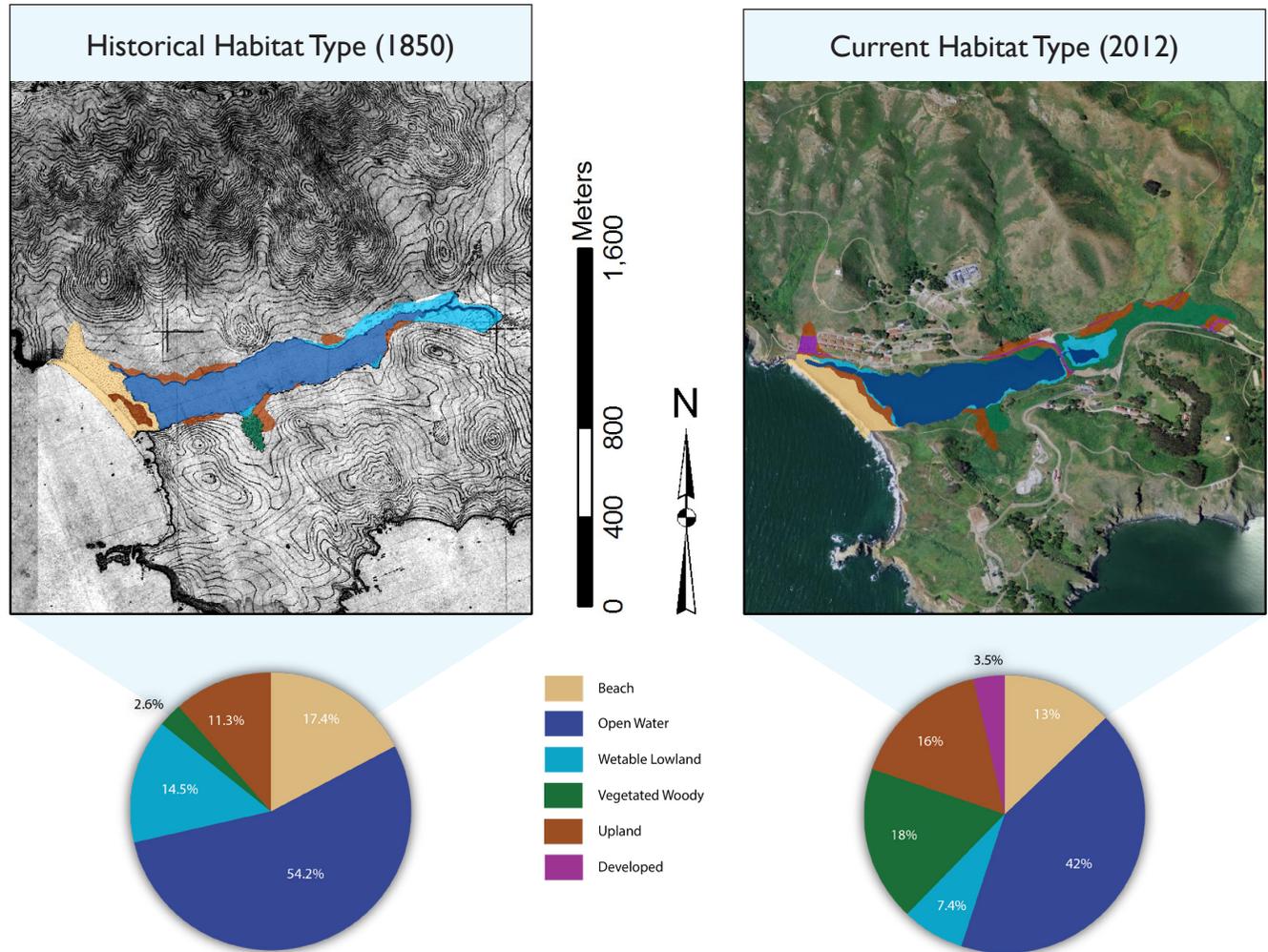


Watershed boundary and location map.



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 1850 and 2012. Habitat maps use USGS T-sheets for the historical map and National Agriculture Imagery Program (NAIP) imagery (2012) for the current map. Construction of a levee across much of the eastern end of the lagoon has contributed to areas upstream of the levee that were formerly open water and wettable lowland converting into vegetated woody habitat.

Management Recommendations



Rodeo Valley Lagoon

- Investigate impact of eastern levee on fluvial and lagoon conditions and processes.
- Reduce populations of invasive weeds in Rodeo Pond (upstream of Rodeo Lagoon).