



This is the Biodiversity Portfolio Report for the area that you defined. The following information is intended to give you a better understanding of the biodiversity values of the specified area and how it contributes to the regional biodiversity goals. Click on blue titles for more information about that category.

Landscape Unit:

North East Bay Hills

Defined Area Size:

127 Acres, 51 Hectares

Conservation Lands Network Category: Areas

Essential to the Conservation Goals: 72 acres

Fragmented Area: 47 Acres of the CLN is Fragmented

Converted Lands:

Rural residential acres: 19

Urban acres: 14

Conservation Suitability:

431 (Moderately Suitable for Conservation) [more info](#)

Protected Land Within Selected Area:

10 acres

Nitrogen Deposition:

Kg/H/Yr (Low)

Climate Index Averages:

Winter (Dec, Jan, Feb) minimum - 5.1-4.3 deg. C

Summer (June, July, Aug) maximum - 29.0-28.9 deg. C

Annual Precipitation - 578 mm/year

Cloud Cover - 20% of days Jul to Sept 2000-2006, cover at 10:30am

Elevation (derived from a 10m DEM):

Range = 76 - 220 meters Mean = 145 meters

% Slope (derived from a 10m DEM):

Range = 1 - 65 % Mean = 31 %

CONSERVATION TARGETS

Coarse Filter Vegetation Targets:

VEGETATION TYPE CONSERVATION TARGET	RARITY RANK	SELECTED AREA			LANDSCAPE UNIT	
		TOTAL ACREAGE	PROTECTED ACREAGE	ACREAGE TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	ACREAGE TO MEET GOALS
Valley Oak Forest / Woodland - North East Bay Hills	1	2	0	2	150	96
California Bay Forest - North East Bay Hills	1	0	0	0	1,139	683
Blue Oak Forest / Woodland - North East Bay Hills	2	90	11	79	1,874	659
Warm Grasslands - North East Bay Hills	3	1	0	1	9,540	427
Urban - North East Bay Hills	4	17	0	17	0	-
Rural Residential - North East Bay Hills	4	14	0	14	0	-
		124	11	113		

Bay Area Critical Linkages



This is the Biodiversity Portfolio Report for the area that you defined. The following information is intended to give you a better understanding of the biodiversity values of the specified area and how it contributes to the regional biodiversity goals. Click on blue titles for more information about that category.

The Bay Area Critical Linkages project, working with regional scientists to incorporate the habitat and movement needs of over 60 species, has developed critical linkage designs for several priority landscape linkages associated with the San Francisco Bay Area and San Benito, Monterey, Mendocino and Lake Counties. The Critical Linkages are an extension of the Conservation Lands Network focused specifically on habitat corridors. Decision makers can use both the Critical Linkages and the CLN to help them identify important conservation areas.

Suitable Habitat for Species:

Birds

Acorn Woodpecker, Burrowing Owl, California Quail, Hutton's Vireo, Loggerhead Shrike, Northern Harrier, Pileated Woodpecker, White-Tailed Kite, Wrentit

Herps

California Tiger Salamander

Mammals

American Badger, Black-Tailed Deer, Bobcat, Brush Rabbit, Dusky-footed Woodrat, Long-eared Myotis, Mountain Lion (Puma), Pallid Bat, Ringtail, Western Gray Squirrel

Plants

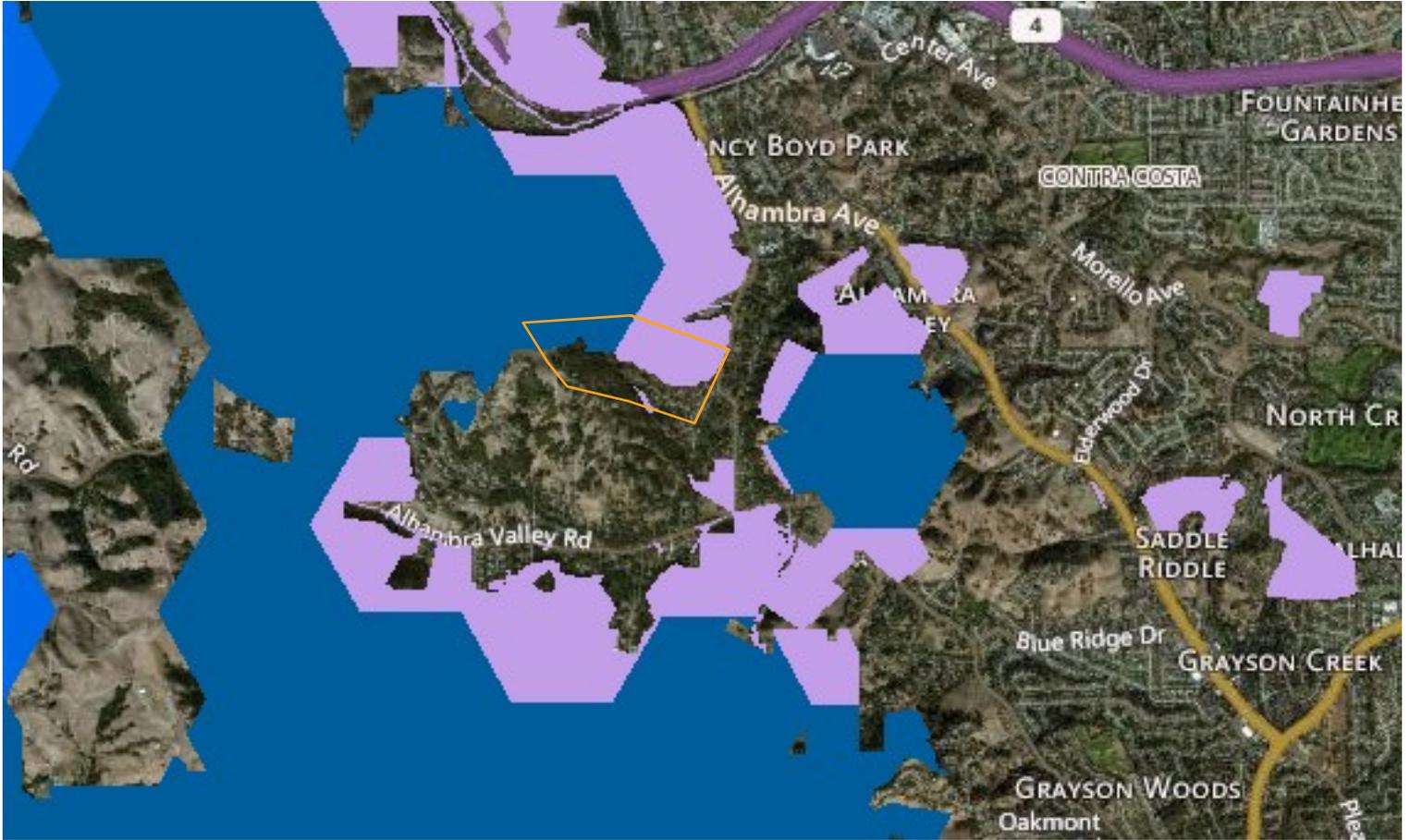
Blue Oak, Brittle Leaf Manzanita, California Foothill Pine, Dutchman's pipe, Pitcher Sage, Purple Needlegrass, Wild Hyacinth

Important Note

Users of the Conservation Lands Network Explorer are strongly encouraged to verify the information provided in this report with site visits and biological surveys.



This is the Biodiversity Portfolio Report for the area that you defined. The following information is intended to give you a better understanding of the biodiversity values of the specified area and how it contributes to the regional biodiversity goals. Click on blue titles for more information about that category.



Conservation Lands Network

Areas chosen 0-10 times not displayed

- Areas Essential to Conservation Goals
Planning units chosen 16 or more times out of 20 runs
- Areas Important to Conservation Goals
Planning units chosen 11-15 times out of 20 runs
- Portion of the CLN that is Fragmented
- Areas for Further Consideration (AFC)

NOTES ON INTERPRETATION OF MAP & BIODIVERSITY REPORT

Approximate location of West Hills Farm. As explained below, the size is exaggerated to enable using the Conservation Lands Network analytical tool.

Conservation Lands Network (CLN) biodiversity reports, including the map above and the text on the preceding page, are designed to analyze the conservation value of property 250 acres or larger and will not analyze property of less than 100 acres. West Hills Farm comprises only 44.37 acres, so its size is exaggerated on the map to enable using the CLN analytical tool. The resulting CLN map and report provide a rough evaluation showing that a portion of the West Hills Farm is within CLN “Areas Important to Conservation Goals” (medium blue). The “Portion of the CLN that is Fragmented” (lilac) is desirable for conservation, but, partly as an artifact of the modified property shape and size analyzed, is determined to be of potentially lesser conservation value due to “fragmentation” by unpaved ranch roads, the remnant of an historic olive orchard, and the proximity of other roads.