

THE CONSERVATION LANDS NETWORK Biodiversity Portfolio Report



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:

Vaca Mountains West

Defined Area Size:

1,572 Acres, 636 Hectares

Conservation Lands Network Category:

Areas Important to the Conservation Goals: 319 acres
 Areas Essential to the Conservation Goals: 465 acres
 Fragmented Area: 69 Acres of the CLN is Fragmented

Converted Lands:

Cultivated acres: 8
 Urban acres: 2

Conservation Suitability:

164 (Highly Suitable for Conservation) [more info](#)

Protected Land Within Selected Area:

None - 0.1 km to closest protected area

Nitrogen Deposition:

6.1 Kg/H/Yr (High)

Climate Index Averages:

January Min Temp - 2-4 deg. C
 July Max Temp - 32-34 deg. C
 Annual Precipitation - 617-714 mm/year
 Cloud Cover - 21% of days Jul to Sept 2000-2006, cover at 10:30am

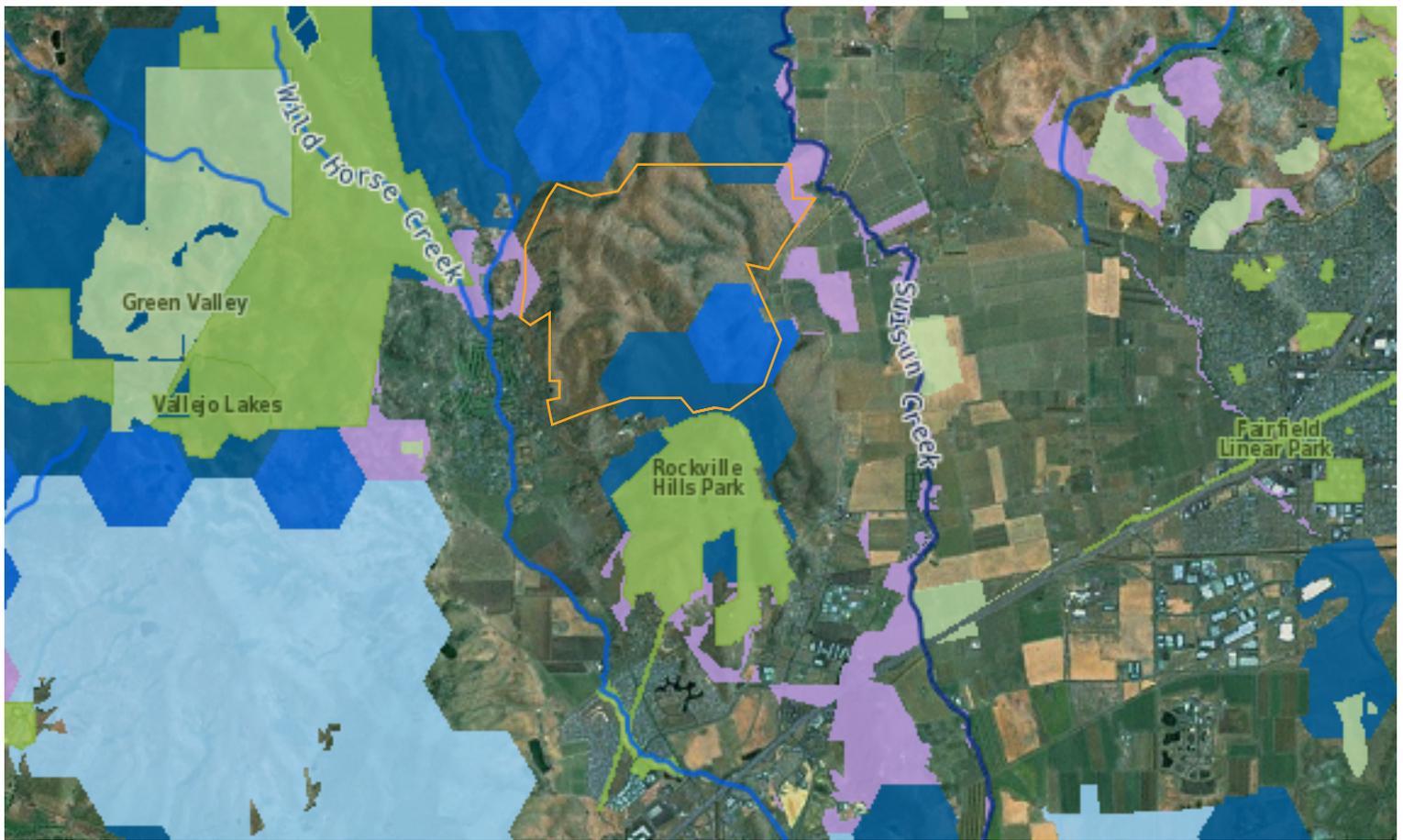
Elevation (derived from a 10m DEM):

Range = 35 - 232 meters Mean = 141 meters

% Slope (derived from a 10m DEM):

Range = 0 - 68 % Mean = 23 %

Note - The scale of the map generated in this report is tied to the scale of your map in the Conservation Lands Network Explorer when you draw the custom area with the pencil tool.



Stream Conservation Targets

- Priority 1 Streams
- Priority 2 Streams

Protected Lands

- Open to the public
- Permit required

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)



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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
Coast Live Oak Forest / Woodland - Vaca Mountains West	2	42	0	42	2,960	2,218
Hot Grasslands - Vaca Mountains West	3	943	0	943	7,717	5,165
Blue Oak Forest / Woodland - Vaca Mountains West	3	434	0	434	5,253	3,444
Montane Hardwoods - Vaca Mountains West	3	116	0	116	27,180	17,526
Mixed Montane Chaparral - Vaca Mountains West	3	9	0	9	10,391	3,855
Cultivated - Vaca Mountains West	4	22	0	22	0	-
Urban - Vaca Mountains West	4	2	0	2	0	-
		1,568	0	1,568		

Fine Filter Targets:

CONSERVATION TARGET - POINTS	RARITY RANK	SELECTED AREA			LANDSCAPE UNIT	
		TOTAL AMOUNT	PROTECTED AMOUNT	AMOUNT TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	AMOUNT TO MEET GOALS
Mt. Diablo fairy-lantern - Vaca Mountains West (<i>Calochortus pulchellus</i>)	2	1	0	1	1	1
Pond - Vaca Mountains West	3	2	0	2	252	208
		3	0	3		

Stream Conservation Targets:

1.4 km of Priority 3 Stream

Critical Linkages, Bay Area and Beyond

Detailed information on linkages will be available in this report in 2011. See <http://bayarealands.org/next-steps/linkages.php> for more information on the project.

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.