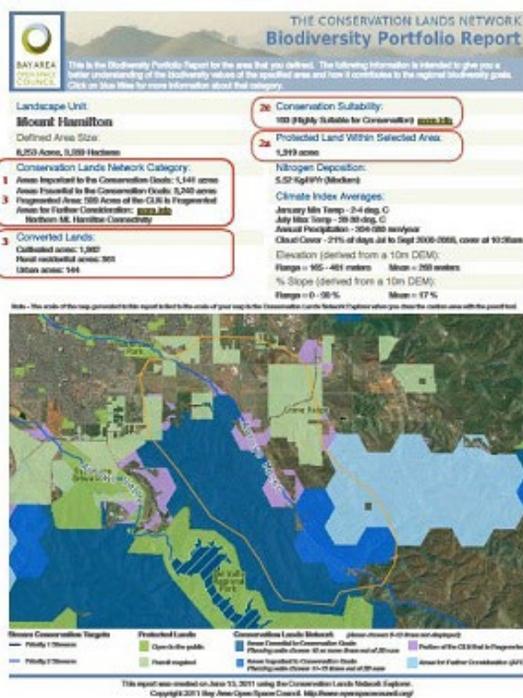


Sample Biodiversity Portfolio Report from the Conservation Lands Network Explorer Tool



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 reported area and how it contributes to the regional biodiversity goals. Click on blue links for more information about that category.

CONSERVATION TARGETS
Coarse Filter Vegetation Targets

VEGETATION TYPE CONSERVATION TARGET	RARITY RANK	TOTAL ACREAGE	PROTECTED ACREAGE	ACREAGE TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	ACREAGE TO MEET GOALS
Valley Oak Forest / Woodland - Mount Hamilton	1	145	0	145	2,587	1,394
Valley Oak Forest / Woodland - Tri Valley	1	46	0	46	1,120	88
Coastal Live Oak Forest - Mount Hamilton	1	32	0	32	1,870	487
Warm Grasslands - Mount Hamilton	3	3,547	133	3,414	48,129	28,277
Blue Oak Forest / Woodland - Mount Hamilton	3	747	0	746	43,411	7,791
Montane Hardwoods - Mount Hamilton	3	438	0	438	23,736	2,728
Warm Grasslands - Tri Valley	3	58	0	40	2,782	2,283
Cultivated - Tri Valley	4	1,642	758	887	0	-
Cultivated - Mount Hamilton	4	676	583	296	0	-
Rural Residential - Mount Hamilton	4	180	4	145	0	-
Urban - Tri Valley	4	177	0	183	0	-
Rural Residential - Tri Valley	4	125	2	123	0	-
Urban - Mount Hamilton	4	40	0	40	0	-
		8,241	1,904	6,937		

Fine Filter Targets:

CONSERVATION TARGET - POINTS	RARITY RANK	TOTAL AMOUNT	PROTECTED AMOUNT	AMOUNT TOWARD LANDSCAPE UNIT GOAL	LANDSCAPE UNIT GOAL	AMOUNT TO MEET GOALS
Pond - Mount Hamilton	3	21	2	19	241	415
Pond - Tri Valley	3	2	0	2	30	28
		23	2	21		

Streams Conservation Targets:
 3.7 km of Priority 2 Stream
 27.8 km of Priority 3 Stream

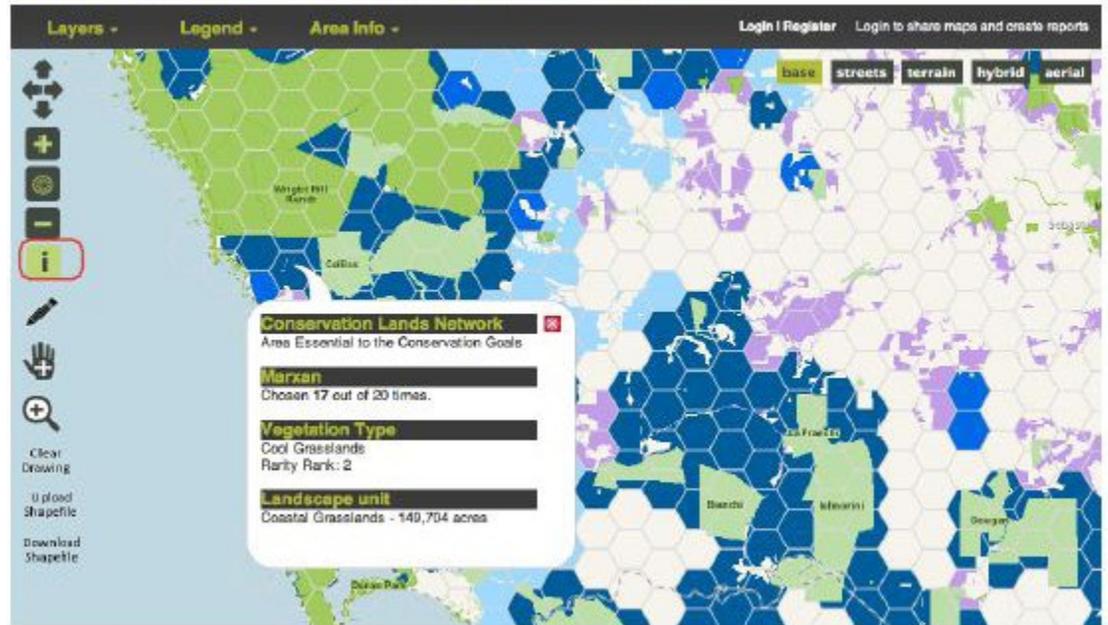
STREAM NAME	PRIORITY	REASON	WATERSHED	DRAIN	LENGTH	FWF SPECIES
Arroyo Mocha	2	Alameda Creek Watershed	Alameda Creek	San Francisco Bay	3.7 km	California roach, Sacramento sucker, rainbow trout (P)

This report was created on June 13, 2011 using the Conservation Lands Network Explorer.
 Copyright 2011 Bay Area Open Space Council. Map data: openstreetmap.org

Additional information about lands outside of the CLN 1.0 can be gleaned from the CLN Explorer Tool and the Biodiversity Portfolio Report by asking the following questions:

a. How many times was the selected area selected by Marxan for inclusion in the Conservation Lands Network 1.0?

The number of times the planning unit(s) underlying the selected area was (were) selected by Marxan is another indicator of conservation value. Areas Essential to the Conservation Goals were selected by Marxan 16 to 20 times out of 20 runs; Important Areas were selected 11 to 15 times. Therefore, planning units selected closer to 11 times have a higher potential conservation value, based on the data used to identify the CLN 1.0. The figure below illustrates how the CLN Explorer ID tool can be used to find the number of times a planning unit was selected by Marxan.



b. Are there additional datasets not included in the Upland Habitat Goals Project analysis that might increase the conservation value of the selected area?

The project used the best available data but was not able to seek out smaller datasets for all of the conservation targets. Existing data or site surveys of the selected area might reveal the presence of high-value conservation target species. If a high-value target is found on the area, the conservation practitioner must determine whether a connection can be made to protected lands or other lands within the CLN 1.0, and if not, whether the target will be viable without such a connection in light of the surrounding land uses.

c. If the area were to be conserved, how would the configuration of the Conservation Lands Network change?

Because there may be many options to meet the goals in common vegetation types (Rarity Rank 3 with a 50% conservation goal), lands not included in the CLN 1.0 can be considered if they contain conservation targets that would contribute to meeting the goals, are ecologically intact or could be restored, and can be connected to protected lands or other lands identified in the CLN 1.0. The figure below is an excerpt of a Biodiversity Portfolio Report for a property proposed for conservation that is not entirely within the CLN 1.0. The report shows that the property is adjacent to existing protected lands, and forms a linkage to other Essential and Important Areas. The report also indicates the presence of the rare plant, Mt. Diablo fairy-lantern, and that if the property is conserved, the goal for this species will be met for this landscape unit.

