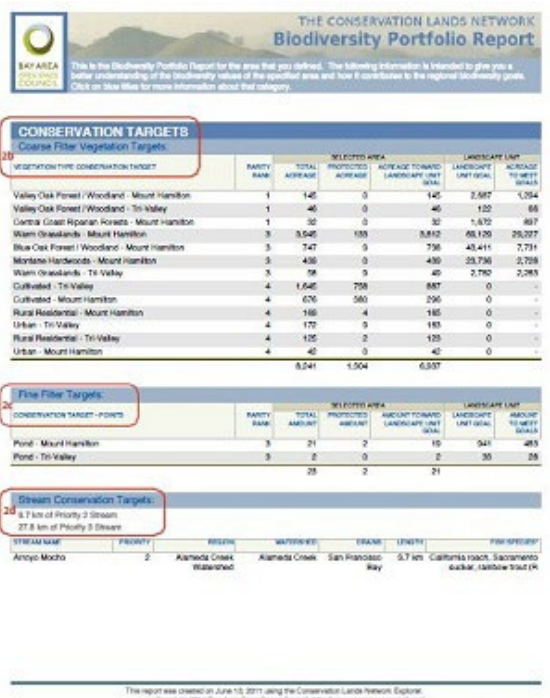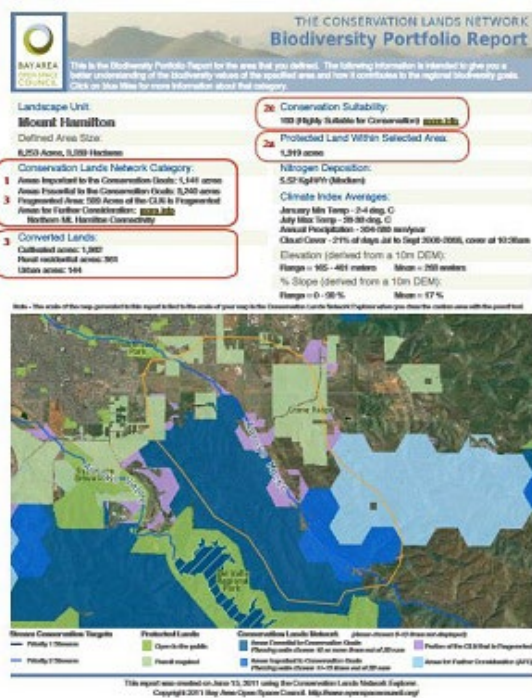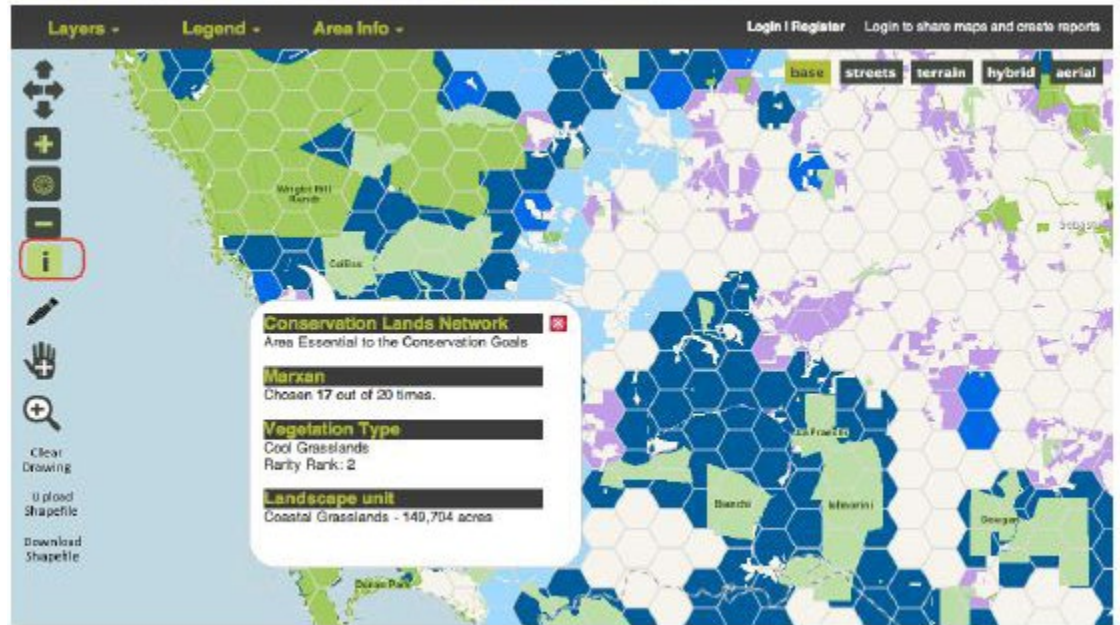# Sample Biodiversity Portfolio Report from the Conservation Lands Network Explorer Tool



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.



## 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 | 44 | 0 | 44 | 2,960 | 2,218 |
| Hot Grasslands - Vaca Mountains West | 3 | 783 | 0 | 783 | 7,717 | 5,165 |
| Blue Oak Forest / Woodland - Vaca Mountains West | 3 | 400 | 0 | 400 | 5,253 | 3,444 |
| Montane Hardwoods - Vaca Mountains West | 3 | 91 | 0 | 91 | 27,180 | 17,526 |
| Mixed Montane Chaparral - Vaca Mountains West | 3 | 9 | 0 | 9 | 10,391 | 3,855 |
| | | 1,327 | 0 | 1,327 | | |

### 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 (Calochortus pulchellus) | 2 | 1 | 0 | 1 | 1 | 1 |
| Pond - Vaca Mountains West | 3 | 2 | 0 | 2 | 252 | 208 |
| | | 3 | 0 | 3 | | |