

8/27/25

Supplemental Information

Breakdown of vineyard impacts on canopy and habitat. In response to request from Dana Morrison regarding final deliverables.

Updated Tree Count:

- 0.2 ac = 6 non-native trees
- 10.6 ac native = 300 native trees
- 10.8 ac total canopy = 306 total trees

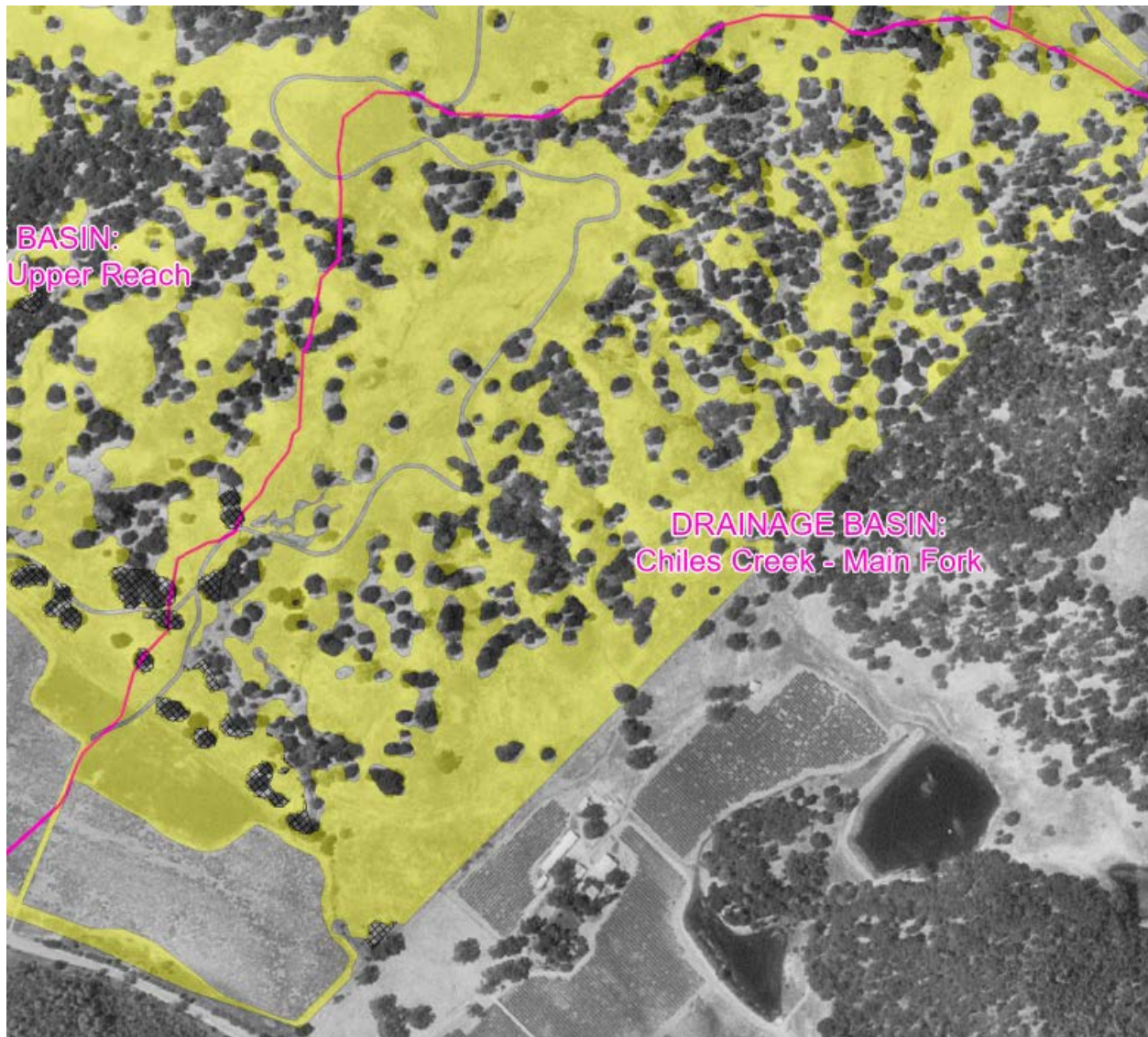
Habitat-Specific Impacts:

Vegetation Types	Pre-Development Area (ac)	Δ (ac)	% Change	Post-Development Area (ac)
Baltic Rush Marsh	6.98	-	-	6.98
Blue Oak Woodland	216.12	-6.94	-3%	209.18
Coastal Live Oak Woodland	111.27	-2.78	-2%	108.49
Douglas Fir Forest	25.42	-	-	25.42
Ghost Pine Forest	33.04	-	-	33.04
Hardstem Bulrush Marsh	3.01	-	-	3.01
Interior Live Oak Shrubland	10.14	-	-	10.14
Leather Oak Chapparal	21.95	-	-	21.95
Mixed Oak Forest	121.43	-0.09	0%	121.34
Open Water (Pond, Lake)	13.38	-	-	13.38
Oregon White oak Woodland	33.78	-0.80	-2%	32.98
Red Willow Thicket	2.20	-	-	2.20
Ruderal (Roads, Structures)	30.55	-1.94	-6%	28.61
Vineyard	100.59	56.19	56%	156.78
Walnut Orchard	0.15	-0.15	-100%	-
Wild Oat Grassland	301.65	-43.49	-14%	258.16
TOTAL	1,031.66	-	-	1,031.66

Watershed Impacts (Municipal vs. Non-Municipal):

Coverage Information: Tree Canopy			
Watershed	Total Canopy on Parcels (ac)	Canopy To be Removed (ac)	Canopy % Retained
Maxwell Creek - Upper Reach <i>Non-Municipal Drainage</i>	486.7	9.3	98%
Chiles Creek - Main Fork <i>Lake Hennesy Municipal Drainage</i>	54.0	1.4	97%
Hardin Creek	0.6	-	100%
TOTAL	541.2	10.8	98%

Coverage Information: Shrub, Brush, and Grass			
Watershed	Total Cover on Parcels (ac)	Cover To be Removed (ac)	Cover % Retained
Maxwell Creek - Upper Reach <i>Non-Municipal Drainage</i>	248.4	32.0	87%
Chiles Creek - Main Fork <i>Lake Hennesy Municipal Drainage</i>	95.3	11.5	88%
Hardin Creek	2.3	-	100%
TOTAL	345.9	43.5	87%



1993 Aerial photo with transparent overlay of Wild Oat Grassland in the Chiles Creek basin; any areas not yellow are vineyard or canopy. The biological habitat data is generally consistent with the 1993 aerial.