

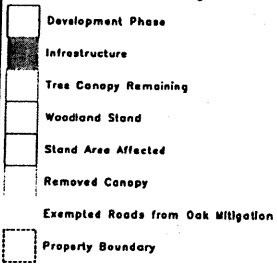
Appendix F - Oak Woodland Evaluation for the Clover Valley Large and Small Lot  
Tentative Subdivision Maps by Cedric Twight

Clover Valley - Oak Woodlands Stand Map (page 21)

Clover Valley Woodland Vegetation and Stand Statistics (pages 22-29)

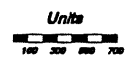
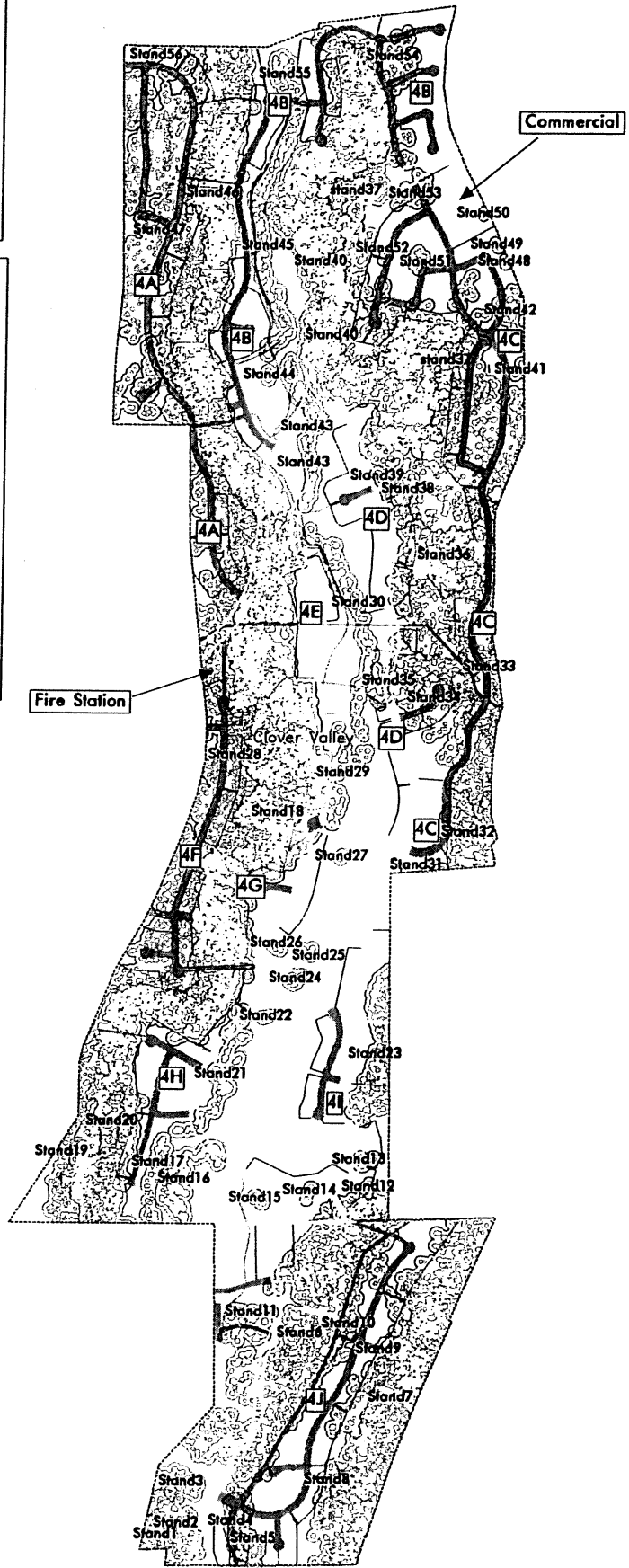
Tree Characteristics by Phase (pages 30-43)

**Clover Valley**



**Species**

- Blue Oak
- Live Oak
- Valley Oak
- Black Oak
- Oracle Oak



*Clover Valley - Oak Woodland Stands*

**Stand 12**

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		Canopy Coverage	Total Area (Acres)
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor	multi stem dbh poor	dbh poor		
12	0%	42%	58%	10.4	16.0				28.0	19.0	40.5%	0.4
Tree Count				9	2	0	0	0	1			

**Stand 13**

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		Canopy Coverage	Total Area (Acres)
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor	multi stem dbh poor	dbh poor		
6	0%	0%	100%	12.4	31.0				20.3		29.8%	0.6
Tree Count				5.0	1.0	0.0	0.0	0.0	0.0			

**Stand 16**

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		Canopy Coverage	Total Area (Acres)
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor	multi stem dbh poor	dbh poor		
158	1%	24%	75%	11.7	26.2	14.4	32.8	12.0	31.6	22.2	55.2%	4.0
Tree Count				120	10	9	5	7	7			

**Stand 35**

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		Canopy Coverage	Total Area (Acres)
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor	multi stem dbh poor	dbh poor		
38	3%	19%	78%	15.6	40.3				21.4		50.5%	1.2
Tree Count				35	3	0	0	0	0			

**Stand 44**

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		Canopy Coverage	Total Area (Acres)
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor	multi stem dbh poor	dbh poor		
4	0%	0%	100%	20.5					27.3		35.3%	0.4
Tree Count				4								

Clover Valley

Valley Foothill Riparian Stands

Stand	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
Stand 17	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
42	0%	12%	88%	11.2	19.5									35.8%	2.1	
	Tree Count							Average Dripline Radius								
	34							8	0	0	0	0	0	0		
Stand 21	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
84	5%	48%	48%	13.0	32.8	4.0						15.0		38.6%	4.5	
	Tree Count							Average Dripline Radius								
	52							31	1	0	0	0	1	21.1		
Stand 22	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
3	0%	33%	67%	13.5	13.0									26.4%	0.3	
	Tree Count							Average Dripline Radius								
	2							1	0	0	0	0	0	21.7		
Stand 24	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
12	0%	25%	67%	11.9	16.5									35.9%	0.6	
	Tree Count							Average Dripline Radius								
	10							2	0	0	0	0	0	18.9		
Stand 25	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
5	0%	60%	40%	11.7	43.0									37.6%	0.6	
	Tree Count							Average Dripline Radius								
	3							2	0	0	0	0	0	26.4		
Stand 27	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
3	0%	33%	67%	11.0	19.0									22.6%	0.3	
	Tree Count							Average Dripline Radius								
	2							1	0	0	0	0	0	20.0		
Stand 29	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
49	0%	8%	92%	14.1	16.6	0.0				4.0		1.0		26.4%	3.1	
	Tree Count							Average Dripline Radius								
	41							7	1	0	1	1	1	17.8		
Stand 30	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
122	2%	8%	90%	11.3	22.5			18.0						36.4%	5.2	
	Tree Count							Average Dripline Radius								
	110							11	0	1	0	0	0	18.8		
Stand 43	Average Diameter							Average Dripline Radius			Canopy Coverage Total Area (Acres)					
Total Trees	Blue Oak	Live Oak	Valley Oak	dbh/fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	multi dbh	stem dbh	poor fair	Canopy Coverage	Total Area	
137	1%	14%	85%	11.5	19.5	13.0				16.0				42.9%	4.1	
	Tree Count							Average Dripline Radius								
	108							24	4	0	1	0	0	18.0		

Valley Foothill Riparian Stands

Clover Valley

Stand 45

	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		19.7
					multi stem dbh fair	dbh fair	multi stem dbh poor	dbh poor	multi stem dbh poor	dbh poor	
Total Trees	7%	26%	67%	13.0	17.3	2.4	22.5	8.0	7.5		
				Tree Count	40	7	2	7	2		
					137						

Canopy Coverage	Total Area (Acres)
43.1%	6.8

Stand 55

	Blue Oak	Live Oak	Valley Oak	dbh/fair	Average Diameter				Average Dripline Radius		18.4
					multi stem dbh fair	dbh fair	multi stem dbh poor	dbh poor	multi stem dbh poor	dbh poor	
Total Trees	1%	6%	91%	11.6	20.5	13.0					
				Tree Count	12	2	0	0	0		
					55						

Canopy Coverage	Total Area (Acres)
39.1%	1.5

Stand	Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter					Average Dripline Radius	Canopy Coverage Total Area (Acres)	
						dbh fair	multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage
<b>Stand 1</b>	88	97%	3%	0%	11.1	17.3	10.0	0.0	9.5	11.0	14.9	63.3%	1.1
					Tree Count	63	4	3	0	17	1		
<b>Stand 3</b>	73	78%	22%	0%	13.3	24.8	14.7	17.6	12.8	16.0	17.6	54.1%	0.9
					Tree Count	32	4	7	5	24	1		
<b>Stand 4</b>	73	93%	4%	3%	13.4	20.2	15.1		11.5	24.0	16.9	60.8%	1.5
					Tree Count	46	6	7	0	13	1		
<b>Stand 6</b>	1933	62%	36%	2%	9.2	20.7	10.2	20.5	9.6	16.5	14.9	52.4%	31.2
					Tree Count	913	439	122	82	277	100		
<b>Stand 7</b>	1960	44%	56%	0%	8.6	18.3	9.0	20.1	8.8	18.5	14.8	63.1%	24.2
					Tree Count	605	547	109	237	197	265		
<b>Stand 11</b>	63	10%	89%	0.0	10.4	29.7	12.3	36.5	4.5	3.4	19.8	39.2%	2.6
					Tree Count	21	26	4	6	6	5		
<b>Stand 14</b>	5	0%	100%	0.0	15.0	39.3				17.0	21.8	27.6%	0.4
					Tree Count	1	3	0	0	0	1		
<b>Stand 15</b>	4	0%	100%	0.0		35.0		57.0		20.0	28.8	30.6%	0.4
					Tree Count	0	2	0	1	0	1		
<b>Stand 18</b>	8411	26%	73%	0.0	7.7	20.4	7.3	18.7	8.5	16.9	15.5	79.1%	70.0
					Tree Count	2519	3387	333	869	563	740		

Clover Valley

Blue Oak Woodland Stands

Stand 19

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
136	89%	11%	0.0	11.9	21.8	12.9	28.0	10.6	6.0	14.2	32.9%	4.2
				Tree Count								
				71	12	7	5	41	8			

Stand 20

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
34	100%	0%	0.0	12.0	18.6	15.0	22.0	14.3	15.5	38.4%	1.1	
				Tree Count								
				20	5	2	1	6	0			

Stand 23

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
346	30%	68%	0.0	7.7	19.2	5.8	26.3	7.8	21.8	15.5	54.9%	5.3
				Tree Count								
				79	160	15	36	12	44			

Stand 26

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
4	0%	100%	0.0	14.0	14.0	0	0	0	0	18.0	25.3%	0.4
				Tree Count								
				1	3	0	0	0	0			

Stand 31

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
6	0%	100%	0.0	18.0	34.0	0	20.0	0	0	28.8	33.4%	0.2
				Tree Count								
				1	3	0	2	0	0			

Stand 32

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
295	17%	81%	0.0	8.4	20.8	7.6	8.0	18.3	16.4	59.1%	4.5	
				Tree Count								
				74	94	24	31	27	45			

Stand 34

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
379	11%	88%	0.0	9.0	23.0	9.7	21.2	6.8	20.9	15.7	41.4%	6.9
				Tree Count								
				96	213	6	19	19	26			

Stand 36

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
887	31%	68%	0.0	7.5	20.6	8.2	21.2	8.1	17.0	13.7	72.7%	8.6
				Tree Count								
				273	465	25	65	30	29			

Stand 38

Total Trees	Species			Average Diameter						Average Dripline Radius	Canopy Coverage	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	multi stem dbh	poor		poor	multi stem dbh
55	20%	76%	0.0	6.9	27.4	0	0	0	25.8	19.2	67.6%	0.9
				Tree Count								
				8	43	0	0	0	4			

Stand	Species		Average Diameter		multi stem dbh poor		multi stem dbh poor		multi stem dbh poor		Average Dripline Radius	Canopy Coverage Total Area (Acres)	
	Blue Oak	Live Oak	Valley Oak	dbh/fair	dbh fair	fair	dbh poor	fair	dbh poor	dbh poor		Canopy Coverage	Total Area (Acres)
	%	%	%									%	
<b>Stand 39</b>											17.1	27.0%	0.7
Total Trees	14												
	Blue Oak 14%	Live Oak 71%	Valley Oak 0.1	dbh/fair 8.3	multi stem dbh fair 29.1	dbh poor	multi stem dbh poor	multi stem dbh poor	multi stem dbh poor	multi stem dbh poor			
				Tree Count									
				3	11	0	0	0	0	0			
<b>Stand 40</b>											16.1	78.2%	42.7
Total Trees	4597												
	Blue Oak 24%	Live Oak 75%	Valley Oak 0.0	dbh/fair 8.4	multi stem dbh fair 19.2	dbh poor 9.9	multi stem dbh poor fair	multi stem dbh poor	multi stem dbh poor	multi stem dbh poor			
				Tree Count									
				1508	2361	68	252	408	198				
<b>Stand 42</b>											17.0	34.5%	1.7
Total Trees	40												
	Blue Oak 75%	Live Oak 13%	Valley Oak 0.0	dbh/fair 12.7	multi stem dbh fair 19.8	dbh poor 12.0	multi stem dbh poor fair 19.3	multi stem dbh poor	multi stem dbh poor	multi stem dbh poor			
				Tree Count									
				19	8	2	6	3	2				
<b>Stand 46</b>											14.8	57.8%	24.0
Total Trees	2910												
	Blue Oak 28%	Live Oak 71%	Valley Oak 0.0	dbh/fair 7.5	multi stem dbh fair 17.6	dbh poor 7.4	multi stem dbh poor fair 18.3	multi stem dbh poor	multi stem dbh poor	multi stem dbh poor			
				Tree Count									
				1065	733	151	305	314	342				
<b>Stand 48</b>											18.7	26.7%	0.2
Total Trees	3												
	Blue Oak 67%	Live Oak 33%	Valley Oak 0.0	dbh/fair 16.0	multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	multi stem dbh poor	multi stem dbh poor	multi stem dbh poor			
				Tree Count									
				1	0	0	0	2	0				



Clover Valley

Blue Oak Savannah Stands

Stand 2

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
75	97%	3%	0%	12.1	20.4	10.3	13.0	14.1	25.0	15.1	28.8%	3.3
				Tree Count	46	9	3	1	11	2		

Stand 5

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
29	100%	0%	0%	14.4	17.0	15.5		13.9	20.0	15.8	24.7%	1.7
				Tree Count	17	2	2	0	7	1		

Stand 8

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
23	91%	9%	0%	9.2	14.8	4.0	23.0	11.7	23.0	10.2	18.7%	0.8
				Tree Count	9	5	1	1	6	1		

Stand 9

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
65	78%	22%	0%	10.7	20.3	17.5	14.0	12.8	17.3	13.7	16.4%	4.5
				Tree Count	26	14	2	1	15	7		

Stand 10

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
5	100%	0%	0.0	18.5	22.0			15.0		18.8	14.4%	0.5
				Tree Count	2	2	0	0	1	0		

Stand 28

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
1179	93%	7%	0.0	10.6	17.6	11.8	20.4	11.8	19.9	13.6	36.5%	30.0
				Tree Count	655	179	82	27	177	59		

Stand 33

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
585	80%	20%	0.0	9.3	21.4	10.3	18.9	6.7	3.6	14.2	38.1%	14.6
				Tree Count	241	201	27	25	91	42		

Stand 37

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
995	80%	20%	0.0	10.8	22.8	14.0	19.2	12.1	21.0	15.1	35.4%	32.3
				Tree Count	551	269	41	21	86	27		

Stand 41

Total Trees	Blue Oak	Live Oak	Valley Oak	dbh fair	Average Diameter				Average Dripline Radius	Canopy Coverage Total Area (Acres)		
					multi stem dbh fair	dbh poor fair	multi stem dbh poor fair	dbh poor		multi stem dbh poor	Canopy Coverage	Total Area (Acres)
8	88%	13%	0.0	14.0	18.5			11.0		16.3	35.6%	0.4
				Tree Count	5	2	0	0	1	0		

Clover Valley

Blue Oak Savannah Stands

Stand	Average Diameter										Average Dripline Radius		Canopy Coverage Total Area (Acres)	
	Blue Oak	Live Oak	Valley Oak	dbh	fair	multi stem dbh	fair	poor	multi stem dbh	poor	multi stem dbh	poor	Canopy Coverage	Total Area (Acres)
Stand 47	95%	5%	0.0	10.0	16.7	10.9	19.0	11.2	18.2	12.8	29.8%	28.8		
Total Trees	795													
Tree Count				460	129	56	14	97	39					
Stand 49	100%	0%	0.0	23.7						14.3	16.5%	0.2		
Total Trees	3													
Tree Count				0	3	0	0	0	0					
Stand 50	100%	0%	0.0	9.0	15.0					11.3	15.7%	0.2		
Total Trees	3													
Tree Count				2	1	0	0	0	0					
Stand 51	100%	0%	0.0	14.9	29.5					16.6	28.6%	0.7		
Total Trees	13													
Tree Count				8	2	0	0	2	1					
Stand 52	100%	0%	0.0	11.7						16.6	20.2%	0.3		
Total Trees	5													
Tree Count				3	0	0	0	2	0					
Stand 53	100%	0%	0.0	10.7	17.9					14.5	29.2%	1.6		
Total Trees	38													
Tree Count				24	7	0	0	7	0					
Stand 54	97%	3%	0.0	11.9	17.8					13.0	23.6%	3.3		
Total Trees	75													
Tree Count				57	11	0	1	5	1					
Stand 56	100%	0%	0.0	15.5	18.0					17.0	18.5%	0.3		
Total Trees	3													
Tree Count				2	1	0	0	0	0					

Tree Characteristics within Phase 4A - Including Fire Station

Blue Oak 90% 10% 0%  
 Live Oak 10%  
 Valley Oak 0%  
 Heritage trees 2  
 dbhfair 10.4  
 dbhpf 17.2  
 mdbhfair 11.5  
 mdbhpf 21.2  
 dbhpoor 12.0  
 mdbhp 18.8  
 Average Dripline Radius 13.3

Total Trees

748  
 9274

Stand	TOTAL CANOPY REMOVED (Acres)	TOTAL STAND AREA AFFECTED (Acres)
Stand 18	0.0	0.0
Stand 28	1.3	4.6
Stand 46	0.6	0.7
Stand 47	5.3	22.1
Stand 56	0.1	0.3
	7.4	27.7

433 118 47 14 95 41  
 4504 2028 539 297 1136 770

Total Calliper Inches by Tree Condition







Tree Characteristics with Phase 4E

	Blue Oak	Live Oak	Valley Oak	Heritage Trees	Average Diameter		dbhpoor	mdbhpf	mdbhp	Average Dripline Radius	TOTAL CANOPY REMOVED (Acres)	TOTAL STAND AREA AFFECTED (Acres)
					mbh/air	dbhpf						
	19%	81%	0%	0	7.5	25.3	9.0	10.0	10.0	15.3	0.1	0.4
Total Trees	16				Total Tree Count by Tree Condition		1	1	1		0.0	0.0
					4	9	0					
					Total Caliper Inches by Tree Condition		9	10	10		0.1	0.4
					30	228	0					
										Stand 18		
										Stand 30		

Tree Characteristics within Phase 4F

Blue Oak	Live Oak	Valley Oak	Heritage Trees	dbhfair	Average Diameter		mdbhpf	dbhpoor	mdbhp	Average Dripline Radius	TOTAL CANOPY REMOVED (Acres)	TOTAL STAND AREA AFFECTED (Acres)		
					dbhpf	dbhpl								
92%	8%	0%	2	11.0	17.5	10.9	21.2	11.7	20.2	13.7	0.3	0.4		
				Total Tree Count by Tree Condition	84	31	22	53	36		4.2	11.5		
				Total Calliper Inches by Tree Condition	2793	1466	339	467	621	728	4.4	11.9		
Total Trees				481									Stand 18	
				6414									Stand 28	



Tree Characteristics within Phase 4G

Blue Oak	Live Oak	Valley Oak	Heritage Trees	dbhtair	Average Diameter				Average Dripline Radius			TOTAL CANOPY REMOVED (Acres)	TOTAL STAND AREA AFFECTED (Acres)		
					mbdhtair	dbhpf	mbdhtair	dbhpf	mbdhtair	dbhpoor	mbdhtair	dbhpoor	(Acres)	(Acres)	
11%	85%	3%	1	10.2	23.7	7.7	19.2	5.2	14.8	17.2	Stand 18		1.0	2.0	
<b>Total Trees</b>				131	<b>Total Tree Count by Tree Condition</b>				5	19					
				2381	<b>Total Caliper Inches by Tree Condition</b>				26	282				1.0	2.0
					193	1353	46	481							

Tree Characteristics within Phase 4H

	Blue Oak	Live Oak	Valley Oak	Heritage Trees	Average Diameter			Average Dripline Radius	Total Canopy Area Removed (Acres)	Total Stand Area Affected (Acres)			
					dbhfair	dbhpf	dbhpoor						
	59%	39%	2%	0	9.8	28.2	7.0	24.8	7.6	13.3	17.0	0.8	2.1
<b>Total Trees</b>					36	42	1	4	8	4		0.1	0.5
					352	1185	7	99	61	53		1.0	2.6
					<b>Total Tree Count by Tree Condition</b>			Stand 18			Stand 21		
					<b>Total Caliper Inches by Tree Condition</b>								

Tree Characteristics within Phase 41

	Blue Oak	Live Oak	Valley Oak	Heritage Trees	Average Diameter				Average Dripline Radius	TOTAL CANOPY REMOVED (Acres)	TOTAL STAND AREA AFFECTED (Acres)			
					dbhtair	dbhpf	dbhpoor	mbbhp						
	25%	71%	4%	1	8.1	19.4	5.5	28.0	7.4	19.3	16.2	Stand 6	0.3	0.8
<b>Total Trees</b>												Stand 12	0.1	0.2
305												Stand 13	0.1	0.4
												Stand 14	0.1	0.3
												Stand 23	2.1	3.4
5119													2.6	5.2

Total Tree Count by Tree Condition  
 76 140 13 35  
 Total Calliper Inches by Tree Condition  
 618 2717 72 979





Tree Characteristics within Infrastructure for all Phases

	Blue Oak	Live Oak	Valley Oak	Heritage trees	Average Diameter		dbhfair	dbhpf	dbhpoor	mdbhp	Average Dripline Radius	TOTAL CANOPY REMOVED (Acres)	TOTAL STAND AREA AFFECTED (Acres)
					dbhfair	dbhpf							
Total Trees	73%	24%	2%	11	10.6	19.7	11.4	20.7	11.5	19.4	14.4	0.6	0.6
848					Total Tree Count by Tree Condition	200	54	25	30			0.1	0.2
11462					Total Caliper Inches by Tree Condition	3946	616	517	582			0.8	1.3
												0.0	0.2
												0.0	0.1
												0.0	0.0
												0.5	0.7
												1.4	4.1
												0.0	0.3
												0.5	1.6
												0.2	0.8
												0.1	0.2
												1.2	3.5
												0.4	0.9
												0	0.0
												0.1	0.2
												0.0	0.0
												0.3	0.6
												0.9	4.1
												0.0	0.1
												0.0	0.1
												0.1	0.2
												0.2	0.7
												0.0	0.0
												0.0	0.0
												7.4	20.7

### Clover Valley Heritage Tree List

Tree #	Species	Heritage Trees	DBH Fair	Dripline
9018	Valley Oak	1	31	30
6490	Valley Oak	1	27	26
1159	Valley Oak	1	27	28
1160	Valley Oak	1	24	33
20222	Valley Oak	1	31	40
23016	Valley Oak	1	52	38
2564	Blue Oak	1	24	25
7880	Live Oak	1	32	26
66	Blue Oak	1	25	20
142	Blue Oak	1	24	26
7889	Valley Oak	1	30	34
7901	Live Oak	1	65	28
10883	Valley Oak	1	28	33
15556	Live Oak	1	25	27
357	Blue Oak	1	30	24
508	Blue Oak	1	24	26
591	Blue Oak	1	24	22
703	Blue Oak	1	27	27
712	Blue Oak	1	32	30
739	Blue Oak	1	25	27
756	Blue Oak	1	31	29
40343	Blue Oak	1	31	38
47243	Blue Oak	1	24	25
1796	Blue Oak	1	25	17
27942	Blue Oak	1	26	25
27944	Blue Oak	1	24	25
21357	Blue Oak	1	24	30
26601	Valley Oak	1	33	37
16842	Valley Oak	1	24	34
3286	Blue Oak	1	25	31
21250	Blue Oak	1	28	33
21265	Blue Oak	1	25	33
21306	Blue Oak	1	24	29
2139	Blue Oak	1	24	22
6483	Valley Oak	1	40	34
9420	Blue Oak	1	24	18
42752	Valley Oak	1	26	30
265	Blue Oak	1	25	24
801	Blue Oak	1	27	25
812	Blue Oak	1	33	31
1153	Valley Oak	1	40	36
1156	Live Oak	1	24	35
3100	Blue Oak	1	42	26
5151	Blue Oak	1	26	30
5690	Live Oak	1	30	20
5979	Blue Oak	1	28	29
7539	Blue Oak	1	25	27
8498	Live Oak	1	26	16
8671	Valley Oak	1	27	30

### Clover Valley Heritage Tree List

Tree #	Species	Heritage Trees	DBH Fair	Dripline
8901	Live Oak	1	27	22
10114	Live Oak	1	36	18
11998	Valley Oak	1	24	29
14013	Valley Oak	1	24	25
14590	Live Oak	1	35	25
14818	Blue Oak	1	24	28
16813	Valley Oak	1	38	41
16848	Valley Oak	1	36	38
17582	Live Oak	1	30	35
18002	Valley Oak	1	25	29
18003	Valley Oak	1	24	26
20218	Live Oak	1	33	31
21396	Blue Oak	1	25	23
21608	Blue Oak	1	35	18
21650	Valley Oak	1	40	46
23032	Live Oak	1	32	18
23334	Blue Oak	1	24	22
23533	Blue Oak	1	25	25
23966	Blue Oak	1	24	27
24218	Blue Oak	1	24	26
24928	Blue Oak	1	24	29
26743	Live Oak	1	32	20
27126	Live Oak	1	54	19
27374	Live Oak	1	30	26
27485	Live Oak	1	28	14
28105	Blue Oak	1	25	20
28196	Blue Oak	1	24	26
28552	Live Oak	1	32	17
28870	Blue Oak	1	24	27
29144	Blue Oak	1	24	20
42586	Valley Oak	1	24	30
42665	Valley Oak	1	32	40
42667	Valley Oak	1	24	31
42926	Valley Oak	1	26	30
43004	Valley Oak	1	24	20
43048	Valley Oak	1	26	32
47397	Blue Oak	1	25	25
50476	Valley Oak	1	27	32
50521	Valley Oak	1	25	33
50548	Valley Oak	1	27	34
1273	Valley Oak	1	28	28
20001	Blue Oak	1	38	50