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January 8, 2020
Project 1152.03

Bradley Canyon Farm, LLC
1255 Tierra Redonda
Bradley, CA 93426

Re: Native Tree Impact Assessment Letter for Bradley Canyon Farm, San Luis Obispo County

Dear Mr. Dayspring:

This letter provides information regarding project-related impacts to native tree species at 1255 Tierra Redonda, Bradley, California. The project has potential to result in impacts to several native oak, pine, and manzanita trees present within and surrounding proposed work areas. Work activities with potential to impact native oak trees include tree trimming (> 10% canopy), grade or drainage changes, trenching, soil compaction, soil contamination, herbicides, fertilization, and/or irrigation. The minimum protection zone (MPZ) for oak trees extends to the dripline of the canopy, with a critical root zone (CRZ) that typically extends beyond the canopy (1.5 times canopy width). The level of impact will be determined by proximity to MPZ or CRZ, dependent on the work activity. Hoop houses that interfere with existing oak trees may require limb trimming of greater than 10 percent of tree canopy. Grading and/or soil compaction is possible at hoop house locations, potentially compromising root systems and water intake potential. Irrigation is proposed at several locations across the site, which has potential to impact oak tree root systems and contaminate soil if fertilizers are used.

Native trees in proximity of the project area were surveyed to determine potential impacts and to assess health and structure of individual trees. Methods and findings of this survey are provided below.

Methods

Mature trees were surveyed on November 13 and December 6, 2019 by Althouse and Meade Botanist Kristen Andersen and Biologist Charleen Rode. Each tree with a diameter at breast height (dbh) greater than or equal to four inches was visually assessed from the ground and tagged with a numerically coded metal tag (from 1 through 100, and 102 through 172) on the trunk of each tree just above dbh. Data collection consisted of tree identification to species, height (feet), dbh (inches), canopy width (feet), Critical Root Zone (CRZ) width, and tree health. Tree CRZ was calculated by multiplying 1.5 times the canopy width (feet). Individual tree health and structural condition was evaluated using a scale of 0 – 5 where 0 = dead, 1 = poor and 5 = excellent. Nests

and tree cavities were noted when observed. Trees were marked digitally in the field and GPS coordinates were recorded and mapped for each tree, including calculated CRZ (Figure 1).

Results

A total of 183 native trees were observed within the work area or extended 50-foot buffer zone, and included big berry manzanita (*Arctostaphylos glauca*), gray pine (*Pinus sabiniana*), coast live oak (*Quercus agrifolia*), and blue oak (*Quercus douglasii*) (Table 1). Potential impacts to native trees by proposed work activities was determined by CRZ proximity to work areas and/or intersection with proposed or existing structures (Figure 1).

TABLE 1. NATIVE TREES OBSERVED WITHIN BUFFERED WORK AREA

Tally of Trees by Species			
Scientific Name	Dead	Protected	Potentially Impacted
<i>Arctostaphylos glauca</i>	2	25	1
<i>Pinus sabiniana</i>	0	17	6
<i>Quercus agrifolia</i>	0	5	1
<i>Quercus douglasii</i>	0	94	32
Total	2	141	40

Recommendations

We recommend that an “As-Built Tree Impact Assessment” be submitted to the County upon hoop house installation and prior to final inspection to inform final mitigation obligations for impacted trees. The “As-Built” assessment will determine the number of impacted native trees required to satisfy the 2:1 ratio consistent with typical County standards for native tree impacts.

Thank you for allowing us to be of assistance. If you have any questions or concerns, please call at (805) 237-9626.

Sincerely,











Kristen Andersen
Biologist III

Figure 1. Critical Root Zone Potential Impacts



Legend

Project Components**	CRZ Protection Status***	Tree Species
 Built	 Impacted	 <i>Arctostaphylos glauca</i>
 Planned	 Protected	 <i>Pinus sabiniana</i>
		 <i>Quercus agrifolia</i>
		 <i>Quercus douglasii</i>



Tierra Redonda
Map Center: 120.96728°W 35.77585°N
Bradley, San Luis Obispo County

Imagery Date: 09/08/2018

*Trees not tagged due to inaccessibility to trunks.

**Project component representation is an approximation.

***Protection status determined to be impacted where CRZ intersects project components.

Native Tree Impact Assessment for Bradley Canyon Farms, LLC

TABLE 1. TREE ASSESSMENT RESULTS

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
1	<i>Quercus douglasii</i>	37	28	40	45	4	Protected	-
2	<i>Quercus douglasii</i>	22	7	6	9	4	Protected	-
3	<i>Arctostaphylos glauca</i>	8	4	15	22.5	4	Protected	-
4	<i>Quercus douglasii</i>	35	23	24	36	2.5	Protected	-
5	<i>Quercus douglasii</i>	40	24	30	36	3	Protected	-
6	<i>Quercus douglasii</i>	36	12	21	31.5	4	Protected	-
7	<i>Quercus douglasii</i>	28	18	30	45	4	Protected	-
8	<i>Quercus douglasii</i>	22	12	18	27	4.5	Protected	-
9	<i>Quercus douglasii</i>	30	18	30	45	4	Protected	-
10	<i>Quercus douglasii</i>	25	16	12	18	3.5	Protected	-
11	<i>Quercus douglasii</i>	38	22	32	48	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
12	<i>Quercus douglasii</i>	25	11	22	33	4	Protected	-
13	<i>Quercus douglasii</i>	20	5	6	9	3	Protected	-
14	<i>Quercus douglasii</i>	15	5	16	24	4	Protected	-
15	<i>Quercus douglasii</i>	20	10	15	22.5	4	Protected	-
16	<i>Quercus douglasii</i>	28	13	30	45	5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
17	<i>Quercus douglasii</i>	22	23	36	54	3.5	Protected	-
18	<i>Quercus douglasii</i>	22	16	26	39	3.5	Protected	-
19	<i>Quercus douglasii</i>	32	19	54	81	5	Protected	-
20	<i>Quercus douglasii</i>	30	13	40	60	3.5	Protected	-
21	<i>Quercus douglasii</i>	30	32	40	60	5	Protected	-
22	<i>Quercus douglasii</i>	25	15	36	54	5	Protected	-
23	<i>Quercus douglasii</i>	22	9	28	42	5	Protected	-
24	<i>Quercus douglasii</i>	20	10	20	30	5	Protected	-
25	<i>Arctostaphylos glauca</i>	12	6	14	21	4	Protected	-
26	<i>Arctostaphylos glauca</i>	10	7	24	36	4	Protected	-
27	<i>Quercus douglasii**</i>	20	13	24	36	3	Protected	-
28	<i>Arctostaphylos glauca</i>	16	13	24	36	5	Protected	-
29	<i>Quercus douglasii</i>	20	9	16	24	4	Protected	-
30	<i>Arctostaphylos glauca</i>	20	13	24	36	3.5	Protected	-
31	<i>Quercus douglasii</i>	33	22	40	60	5	Protected	-
32	<i>Quercus douglasii</i>	30	34	50	75	5	Protected	-
33	<i>Quercus douglasii</i>	35	9	30	45	4	Protected	-
34	<i>Arctostaphylos glauca</i>	12	10	24	36	5	Protected	-
35	<i>Quercus douglasii</i>	20	15	40	60	4	Protected	-
36	<i>Quercus douglasii</i>	18	11	30	45	4	Protected	-
37	<i>Arctostaphylos glauca</i>	10	11	20	30	2	Protected	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
38	<i>Quercus douglasii</i>	32	24	48	72	5	Potentially Impacted	Canopy intersects with hoop house structures. Potential for trimming.
39	<i>Quercus douglasii</i>	35	31	44	66	4.5	Protected	-
40	<i>Quercus douglasii</i>	40	33	42	63	5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
41	<i>Quercus douglasii</i>	25	22	35	52.5	2.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
42	<i>Arctostaphylos glauca</i>	10	9	36	54	3.5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
43	<i>Quercus douglasii</i>	22	13	30	45	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
44	<i>Quercus douglasii</i>	25	12	32	48	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
45	<i>Quercus douglasii</i>	45	22	50	75	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
46	<i>Quercus douglasii</i>	20	10	25	37.5	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
47	<i>Quercus douglasii</i>	18	7	16	24	4	Protected	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
48	<i>Quercus douglasii</i>	25	15	30	45	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
49	<i>Quercus douglasii</i>	30	15	35	52.5	4.5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
50	<i>Quercus douglasii</i>	27	15	20	30	4	Protected	-
51	<i>Arctostaphylos glauca</i>	10	4	30	45	4	Protected	-
52	<i>Quercus douglasii</i>	30	16	38	57	4.5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
53	<i>Quercus douglasii</i>	40	37	48	72	5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
54	<i>Quercus douglasii</i>	25	18	45	67.5	5	Protected	
55	<i>Quercus douglasii</i>	25	16	35	52.5	5	Potentially Impacted	Canopy within edge of hoop house structure. Potential for trimming.
56	<i>Quercus douglasii</i>	22	22	22	33	4	Protected	-
57	<i>Quercus douglasii</i>	45	11	24	36	4	Protected	-
58	<i>Quercus douglasii</i>	15	5	12	18	2.5	Protected	-
59	<i>Quercus douglasii</i>	28	10	25	37.5	4	Protected	-
60	<i>Quercus douglasii</i>	18	6	12	18	4	Protected	-
61	<i>Quercus douglasii</i>	27	23	22	33	4	Protected	-
62	<i>Quercus douglasii</i>	28	31	28	42	4	Protected	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
63	<i>Quercus douglasii</i>	30	18	44	66	5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
64	<i>Quercus douglasii</i>	45	18	40	60	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
65	<i>Quercus douglasii</i>	25	31	42	63	5	Protected	-
66	<i>Quercus douglasii</i>	35	13	45	67.5	4.5	Potentially Impacted	Canopy within edge of hoop house structure. Potential for trimming.
67	<i>Quercus douglasii</i>	45	14	40	60	5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
68	<i>Quercus douglasii</i>	30	30	45	67.5	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
69	<i>Quercus agrifolia</i>	22	16	16	24	5	Protected	-
70	<i>Quercus douglasii</i>	30	32	50	75	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
71	<i>Quercus douglasii</i>	25	23	28	42	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
72	<i>Quercus agrifolia</i>	15	10	16	24	5	Protected	CRZ intersects with hoop house structure; canopy

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
73	<i>Quercus douglasii</i>	30	33	45	67.5	5	Protected	does not. Impact negligible. CRZ intersects with hoop house structure; canopy does not. Impact negligible.
74	<i>Quercus douglasii</i>	35	15	45	67.5	5	Protected	-
75	<i>Quercus douglasii</i>	35	15	25	37.5	4	Protected	-
76	<i>Quercus douglasii</i>	30	16	42	63	4	Protected	-
77	<i>Quercus douglasii</i>	32	34	40	60	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming
78	<i>Quercus douglasii</i>	48	23	55	82.5	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming
79	<i>Quercus douglasii</i>	35	30	50	75	5	Protected	-
80	<i>Quercus douglasii</i> **	45	24	45	67.5	5	Protected	-
81	<i>Quercus douglasii</i> **	40	20	45	67.5	5	Protected	-
82	<i>Quercus douglasii</i>	30	16	30	45	5	Protected	-
83	<i>Quercus douglasii</i>	45	27	40	60	5	Protected	-
84	<i>Quercus douglasii</i>	50	28	50	75	5	Protected	-
85	<i>Quercus douglasii</i>	25	14	20	30	4	Protected	-
86	<i>Quercus douglasii</i>	33	24	35	52.5	4	Protected	-
87	<i>Quercus douglasii</i>	50	18	35	52.5	4	Protected	-
88	<i>Quercus agrifolia</i>	20	10	20	30	3	Protected	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
89	<i>Quercus agrifolia</i>	50	48	40	60	5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
90	<i>Quercus douglasii</i>	50	43	50	75	3	Protected	-
91	<i>Quercus douglasii</i>	40	48	30	45	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
92	<i>Pinus sabiniana</i>	45	18	30	45	4	Protected	-
93	<i>Pinus sabiniana</i>	40	7	16	24	3.5	Protected	-
94	<i>Pinus sabiniana</i>	30	8	18	27	3.5	Protected	-
95	<i>Arctostaphylos glauca</i>	20	25	30	45	4	Protected	-
96	<i>Pinus sabiniana</i>	65	20	30	45	4	Protected	-
97	<i>Arctostaphylos glauca</i>	20	28	35	52.5	5	Protected	-
98	<i>Arctostaphylos glauca</i>	15	27	25	37.5	4	Protected	-
99	<i>Arctostaphylos glauca</i>	10	8	15	22.5	5	Protected	-
100	<i>Pinus sabiniana</i>	42	17	40	60	4	Protected	-
102	<i>Quercus douglasii</i>	32	16	30	45	4	Protected	-
103	<i>Quercus douglasii</i>	35	16	42	52.5	4.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
104	<i>Pinus sabiniana</i>	55	33	36	54	4	Protected	-
105	<i>Pinus sabiniana</i>	60	39	40	60	4	Protected	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
107	<i>Pinus sabiniana</i>	60	27	48	72	4	Potentially Impacted	Canopy intersects with proposed water tank components.
108	<i>Pinus sabiniana</i>	28	9	24	36	4	Protected	-
109	<i>Pinus sabiniana</i>	30	11	18	27	4	Protected	-
110	<i>Pinus sabiniana</i>	30	11	18	27	4	Protected	-
111	<i>Pinus sabiniana</i>	30	8	18	27	4	Protected	-
112	<i>Pinus sabiniana</i>	18	4	15	22.5	3	Protected	-
113	<i>Pinus sabiniana</i>	15	30	10	15	3	Protected	-
114	<i>Pinus sabiniana</i>	70	14	90	135	4.5	Protected	-
115	<i>Pinus sabiniana</i>	55	13	36	54	3.5	Protected	-
116	<i>Pinus sabiniana</i>	48	18	25	37.5	3.5	Potentially Impacted	Canopy intersects with proposed water tank components.
117	<i>Pinus sabiniana</i>	55	9	36	54	4	Potentially Impacted	Canopy intersects with proposed water tank components.
118	<i>Pinus sabiniana</i>	32	5	24	36	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
119	<i>Pinus sabiniana</i>	20	15	10	15		Protected	-
120	<i>Pinus sabiniana</i>	45	18	40	60	4	Potentially Impacted	Canopy intersects with proposed water tank components.

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
121	<i>Quercus douglasii</i>	18	4	20	30	1	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
122	<i>Quercus douglasii</i>	20	11	20	30	3	Protected	-
123	<i>Quercus douglasii</i>	25	12	25	37.5	4	Protected	-
124	<i>Quercus douglasii</i>	25	89	26	39	3	Protected	-
125	<i>Quercus douglasii</i>	50	23	54	81	3	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
126	<i>Quercus douglasii</i> **	45	16	30	45	4	Protected	-
127	<i>Quercus douglasii</i>	25	5	26	39	4	Protected	-
128	<i>Quercus douglasii</i>	20	4	15	22.5	4	Protected	-
129	<i>Quercus douglasii</i>	15	11	10	15	4	Protected	-
130	<i>Quercus douglasii</i>	40	7	20	30	3.5	Protected	-
131	<i>Pinus sabiniana</i>	18	9	12	18	4	Protected	-
132	<i>Quercus douglasii</i>	32	5	30	45	3	Potentially Impacted	Canopy is near edge of hoop house structure. Potential for trimming.
133	<i>Quercus douglasii</i>	15	12	10	15	3	Protected	-
134	<i>Quercus douglasii</i>	25	23	20	30	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
135	<i>Quercus douglasii</i>	25	6	30	45	4	Protected	CRZ intersects with hoop house structure; canopy

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
136	<i>Quercus douglasii</i>	18	13	15	22.5	2.5	Potentially Impacted	does not. Impact negligible. Canopy intersects with hoop house structure. Potential for trimming.
137	<i>Quercus douglasii</i>	40	14	24	36	4	Protected	-
138	<i>Quercus douglasii</i>	50	26	48	72	4.5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
139	<i>Quercus douglasii</i>	32	22	30	45	2	Protected	-
140	<i>Quercus douglasii</i>	55	14	54	81	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
142	<i>Quercus douglasii</i>	20	4	18	27	4	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
143	<i>Quercus douglasii</i>	12	12	8	12	3.5	Protected	-
144	<i>Quercus douglasii</i>	25	10	22	33	4	Protected	-
145	<i>Quercus douglasii</i>	40	5	24	36	4	Protected	-
146	<i>Quercus douglasii</i>	20	16	10	15	3	Protected	-
147	<i>Quercus douglasii</i>	25	10	18	27	3.5	Protected	-
149	<i>Quercus douglasii</i>	32	4	28	42	4	Protected	-
150	<i>Arctostaphylos glauca</i>	12	5	20	30	4	Protected	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
151	<i>Arctostaphylos glauca</i>	12	5	18	27	4	Protected	-
152	<i>Quercus douglasii</i>	20	8	6	9	3.5	Protected	-
153	<i>Quercus douglasii</i>	25	6	12	18	2.5	Protected	-
154	<i>Quercus douglasii</i>	20	5	3	4.5	1	Protected	-
155	<i>Quercus douglasii</i>	25	8	18	27	2	Protected	-
156	<i>Quercus douglasii</i>	25	36	20	30	2	Protected	-
157	<i>Quercus douglasii</i>	28	28	50	75	4.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
158	<i>Quercus douglasii</i>	55	24	36	54	3	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
159	<i>Quercus douglasii</i>	42	14	30	45	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
160	<i>Quercus douglasii</i>	35	14	28	42	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
161	<i>Quercus douglasii</i>	32	14	24	36	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
162	<i>Quercus douglasii</i>	22	11	27	40.5	3.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
163	<i>Quercus douglasii</i>	24	19	25	37.5	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
164	<i>Quercus agrifolia</i>	45	5	40	60	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
165	<i>Quercus douglasii</i>	15	24	6	9	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
166	<i>Quercus douglasii</i>	50	6	56	84	4.5	Protected	CRZ intersects with hoop house structure; canopy does not. Impact negligible.
167	<i>Quercus douglasii</i>	25	12	15	22.5	3.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
168	<i>Quercus douglasii</i>	25	6	20	30	4	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
169	<i>Quercus douglasii</i>	20	23	10	15	3.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
170	<i>Quercus douglasii</i>	54	31	40	60	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
171	<i>Quercus douglasii</i>	50	14	36	54	5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
172	<i>Quercus douglasii</i>	40	32	32	48	4.5	Potentially Impacted	Canopy intersects with hoop house structure. Potential for trimming.
173*	<i>Arctostaphylos glauca</i>	12	NA	Dead	Dead	0	Dead	-

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
174*	<i>Arctostaphylos glauca</i>	10	4	25	18	3	Protected	-
175*	<i>Arctostaphylos glauca</i>	7	NA	15	11	5	Protected	-
176*	<i>Quercus agrifolia</i>	35	22	20	20	0.5	Protected	-
177*	<i>Arctostaphylos glauca</i>	12	13	15	11	5	Protected	-
178*	<i>Arctostaphylos glauca</i>	15	17	25	18	4	Protected	-
179*	<i>Arctostaphylos glauca</i>	8	NA	Dead	Dead	0	Dead	-
180*	<i>Arctostaphylos glauca</i>	12	18	12	9	4	Protected	-
181*	<i>Pinus sabiniana</i>	60	32	54	81	4	Potentially Impacted	Canopy intersects with proposed water tank components.
182*	<i>Arctostaphylos glauca</i>	8	3	8	12	3.5	Protected	-
183*	<i>Arctostaphylos glauca</i>	10	5	20	30	2.5	Protected	-
184*	<i>Arctostaphylos glauca</i>	12	5	20	30	5	Protected	-
185*	<i>Arctostaphylos glauca</i>	8	4	10	15	2.5	Potentially Impacted	Canopy intersects with proposed parking lot.
186*	<i>Arctostaphylos glauca</i>	6	3	8	12	3	Protected	-
187*	<i>Arctostaphylos glauca</i>	8	3	24	36	5	Protected	Canopy intersects with hoop house structure. DBH < 4 inches.

Tally of Trees by Species

Scientific Name	Dead	Protected	Potentially Impacted
<i>Arctostaphylos glauca</i>	2	25	1
<i>Pinus sabiniana</i>	0	17	6
<i>Quercus agrifolia</i>	0	5	1

Tag Number	Scientific Name	Height (feet)	DBH (inches)	Canopy Width (feet)	CRZ Width (feet)	Tree Health	Impact Status	Explanation of Impact Status
	<i>Quercus douglasii</i>				0		94	32
Total				2			141	40

NOTE: A final as-built impact analysis is recommended to inform final mitigation obligations for impacted trees.

Total Tree Count = 183

Tree tag numbers not included: 101, 106, 110, 114

DBH: Diameter at Breast Height **CRZ:** Critical Root Zone

*Trees not tagged due to inaccessibility to trunks.

**Unattended stick nest observed in tree canopy.