

Appendix B: Biological Resources Supporting Information

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B.1 - CNPS and CNDDDB Database Results

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Plant List

Inventory of Rare and Endangered Plants

14 matches found. *Click on scientific name for details*

Search Criteria

California Rare Plant Rank is one of [1B, 2B], FESA is one of [Endangered, Threatened], CESA is one of [Endangered, Threatened, Rare], Found in Quads 3812257, 3812256, 3812255, 3812247, 3812246, 3812245, 3812237 3812236 and 3812235;

[Modify Search Criteria](#) [Export to Excel](#) [Modify Columns](#) [Modify Sort](#) [Display Photos](#)

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Astragalus claranus	Clara Hunt's milk-vetch	Fabaceae	annual herb	Mar-May	1B.1	S1	G1
Blennosperma bakeri	Sonoma sunshine	Asteraceae	annual herb	Mar-May	1B.1	S1	G1
Chorizanthe valida	Sonoma spineflower	Polygonaceae	annual herb	Jun-Aug	1B.1	S1	G1
Clarkia imbricata	Vine Hill clarkia	Onagraceae	annual herb	Jun-Aug	1B.1	S1	G1
Cordylanthus tenuis ssp. capillaris	Pennell's bird's-beak	Orobanchaceae	annual herb (hemiparasitic)	Jun-Sep	1B.2	S1	G4G5T1
Delphinium luteum	golden larkspur	Ranunculaceae	perennial herb	Mar-May	1B.1	S1	G1
Eryngium constancei	Loch Lomond button-celery	Apiaceae	annual / perennial herb	Apr-Jun	1B.1	S1	G1
Lasthenia burkei	Burke's goldfields	Asteraceae	annual herb	Apr-Jun	1B.1	S1	G1
Lilium pardalinum ssp. pitkinense	Pitkin Marsh lily	Liliaceae	perennial bulbiferous herb	Jun-Jul	1B.1	S1	G5T1
Limnanthes vincularis	Sebastopol meadowfoam	Limnanthaceae	annual herb	Apr-May	1B.1	S1	G1
Navarretia leucocephala ssp. plieantha	many-flowered navarretia	Polemoniaceae	annual herb	May-Jun	1B.2	S1	G4T1
Plagiobothrys strictus	Calistoga popcornflower	Boraginaceae	annual herb	Mar-Jun	1B.1	S1	G1
Poa napensis	Napa blue grass	Poaceae	perennial herb	May-Aug	1B.1	S1	G1
Sidalcea oregana ssp. valida	Kenwood Marsh checkerbloom	Malvaceae	perennial rhizomatous herb	Jun-Sep	1B.1	S1	G5T1

Suggested Citation

California Native Plant Society, Rare Plant Program. 2019. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website <http://www.rareplants.cnps.org> [accessed 22 March 2019].

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Questions and Comments

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Selected Elements by Common Name

California Department of Fish and Wildlife

California Natural Diversity Database



Query Criteria: Quad IS (Santa Rosa (3812246))

Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
Baker's navarretia <i>Navarretia leucocephala ssp. bakeri</i>	PDPLM0C0E1	None	None	G4T2	S2	1B.1
bent-flowered fiddleneck <i>Amsinckia lunaris</i>	PDBOR01070	None	None	G3	S3	1B.2
big-scale balsamroot <i>Balsamorhiza macrolepis</i>	PDAST11061	None	None	G2	S2	1B.2
Blennosperma vernal pool andrenid bee <i>Andrena blennospermatis</i>	IIHYM35030	None	None	G2	S2	
Burke's goldfields <i>Lasthenia burkei</i>	PDAST5L010	Endangered	Endangered	G1	S1	1B.1
California giant salamander <i>Dicamptodon ensatus</i>	AAAAH01020	None	None	G3	S2S3	SSC
California linderiella <i>Linderiella occidentalis</i>	ICBRA06010	None	None	G2G3	S2S3	
California red-legged frog <i>Rana draytonii</i>	AAABH01022	Threatened	None	G2G3	S2S3	SSC
California tiger salamander <i>Ambystoma californiense</i>	AAAAA01180	Threatened	Threatened	G2G3	S2S3	WL
Calistoga ceanothus <i>Ceanothus divergens</i>	PDRHA04240	None	None	G2	S2	1B.2
Clara Hunt's milk-vetch <i>Astragalus claranus</i>	PDFAB0F240	Endangered	Threatened	G1	S1	1B.1
coastal triquetrella <i>Triquetrella californica</i>	NBMUS7S010	None	None	G2	S2	1B.2
Colusa layia <i>Layia septentrionalis</i>	PDAST5N0F0	None	None	G2	S2	1B.2
congested-headed hayfield tarplant <i>Hemizonia congesta ssp. congesta</i>	PDAST4R065	None	None	G5T2	S2	1B.2
Cooper's hawk <i>Accipiter cooperii</i>	ABNKC12040	None	None	G5	S4	WL
foothill yellow-legged frog <i>Rana boylei</i>	AAABH01050	None	Candidate Threatened	G3	S3	SSC
fragrant fritillary <i>Fritillaria liliacea</i>	PMLIL0V0C0	None	None	G2	S2	1B.2
holly-leaved ceanothus <i>Ceanothus purpureus</i>	PDRHA04160	None	None	G2	S2	1B.2
Jepson's leptosiphon <i>Leptosiphon jepsonii</i>	PDPLM09140	None	None	G3	S3	1B.2
Napa false indigo <i>Amorpha californica var. napensis</i>	PDFAB08012	None	None	G4T2	S2	1B.2



Selected Elements by Common Name
California Department of Fish and Wildlife
California Natural Diversity Database



Species	Element Code	Federal Status	State Status	Global Rank	State Rank	Rare Plant Rank/CDFW SSC or FP
narrow-anthered brodiaea <i>Brodiaea leptandra</i>	PMLIL0C022	None	None	G3?	S3?	1B.2
obscure bumble bee <i>Bombus caliginosus</i>	IIHYM24380	None	None	G4?	S1S2	
Rincon Ridge ceanothus <i>Ceanothus confusus</i>	PDRHA04220	None	None	G1	S1	1B.1
Rincon Ridge manzanita <i>Arctostaphylos stanfordiana ssp. decumbens</i>	PDERI041G4	None	None	G3T1	S1	1B.1
saline clover <i>Trifolium hydrophilum</i>	PDFAB400R5	None	None	G2	S2	1B.2
Santa Cruz clover <i>Trifolium buckwestiorum</i>	PDFAB402W0	None	None	G2	S2	1B.1
Sebastopol meadowfoam <i>Limnanthes vincularis</i>	PDLIM02090	Endangered	Endangered	G1	S1	1B.1
Sonoma ceanothus <i>Ceanothus sonomensis</i>	PDRHA04420	None	None	G2	S2	1B.2
Sonoma sunshine <i>Blennosperma bakeri</i>	PDAST1A010	Endangered	Endangered	G1	S1	1B.1
two-fork clover <i>Trifolium amoenum</i>	PDFAB40040	Endangered	None	G1	S1	1B.1
Valley Needlegrass Grassland <i>Valley Needlegrass Grassland</i>	CTT42110CA	None	None	G3	S3.1	
western bumble bee <i>Bombus occidentalis</i>	IIHYM24250	None	None	G2G3	S1	
western pond turtle <i>Emys marmorata</i>	ARAAD02030	None	None	G3G4	S3	SSC
white-tailed kite <i>Elanus leucurus</i>	ABNKC06010	None	None	G5	S3S4	FP
yellow rail <i>Coturnicops noveboracensis</i>	ABNME01010	None	None	G4	S1S2	SSC

Record Count: 35

B.2 - Arborist Report

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EMERALD ISLE—Santa Rosa CA
ARBORIST'S REPORT SUMMARY & ADDENDUM

May 17, 2019 and August 20, 2019

This document incorporates the previously submitted summary dated May 17, 2019, with some clarifications defining the assignment. The purpose of this addendum to the original summary dated May 17, 2019 is to provide clearer descriptions and parameters of the scope of the tree survey for the Emerald Isle project.

The project site is 12.57 acres consisting of two parcels on gently sloping hills with some steeper areas. The proposed development area, including buildings, parking, access and landscaping comprises approximately 6.75 acres. The perimeter of the site is roughly 5.82 acres of natural open space, with predominantly native oak trees and other vegetation. The 927 trees included in this survey and inventory are mostly within the proposed development area of the site, and the purpose of the report is to provide information about their species, status, size, viability and potential impact from proposed construction. Some trees at the edges of grading or other construction activity or near property lines that may be potentially impacted are included.

The trees on the whole project site vary widely in their condition. The Tubbs fire swept through this area in October 2017, though many existing oaks remain undamaged. They were initially inventoried in 1999, and were re-evaluated in 2007, 2013 and December 2016, as well as November 2018 after the fires to assess their current condition and viability.

Trees which have now reached the 4" threshold for protection within the construction zone, on the development site have been added; numbered and tagged on site and included in the latest inventory.

The accompanying arborist's report provides an inventory and evaluations of all trees 4" diameter and larger (at 54" above grade, unless noted otherwise) which might be impacted by proposed construction within the development area, on the site of the Emerald Isle project in Santa Rosa, California. Trees with diameters of 4" and larger are the threshold in the City of Santa Rosa's Tree Protection Ordinance for inclusion in arborist's inventories and tree protection guidelines. All trees of that size, whether the species is protected in the City's ordinance or not, have been included for completeness.

Tree locations are based on the Tree Protection Plan, dated February 2019, incorporating the most current revisions to the site plan prepared by Brelje & Race, project engineers.

There are estimated to be hundreds more young trees now 4" and larger, (as well as trees smaller than the 4" threshold) in the 5.82 acres of natural open space which will not be impacted, and are not included in this survey. Those native trees will remain undisturbed by any proposed site development and construction.

Many trees were burned during the wildfires and some were removed for a previously approved site plan. That information has been gathered in the field, and incorporated in the final combined Tree Inventory in coordination with Brelje and Race. The totals for various categories of the site trees are:

Total numbers of site trees surveyed and inventoried (Not including the hundreds of saplings, mostly oaks < 4" and larger outside the development area)	927
Live trees to remain (within project development area)	280
Live trees (of varying condition) to be removed for project (Protected species will be mitigated on site)	236
Fire killed/damaged trees to be removed	100

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Fire killed/damaged trees removed per prior approval	143
Trees removed per prior approval	168

We will continue to refine construction details to protect the trees to be preserved. If any changes are made to the site plan or grading plans, we will incorporate those revisions in our tree assessments.

All protected trees over 4" d.b.h. (diameter at breast height, 4.5') that are within the zone of potential construction impact have been included in the inventory and re-evaluated. They are tagged onsite, their ID numbers relating to the attached inventory and evaluation, and as shown on the Tree Preservation Plan. Trees which fell or died in the intervening years since the last tree survey have been removed from the inventory for clarity.

The format of the Arborist's Report – Emerald Isle is as follows:

Tree Inventory & Evaluation—A listing and discussion of the existing trees on site within the zone of potential construction impact, including the following information:

Number—The number assigned to a tree for location reference on the Inventory & Tree Protection Plan

Species (Common & Botanical Name)

Trunk Diameter—Trunk diameter in inches at 54" above grade (d.b.h.), (unless noted otherwise)

General Condition—Rated Poor to Excellent. General comments about the tree's present condition. 'Poor' or 'Fair' may indicate severe loss of vigor, significant decay, possible disease, sparse foliage, branch dieback, suppressed growth due to competition, etc.

Structural Integrity—Rated Poor to Excellent, with specific comments regarding canopy development or angle of lean, significant defects or problems, etc.

Recommendations—Specific comments regarding tree potential for preservation, removal (if necessary for hazard reduction), and individual protection measures. Tree status is listed – whether to be preserved or removed.

Respectfully submitted,

Becky Duckles

Becky Duckles

Project Arborist, ISA Certified Consulting Arborist #WE-0796A

EMERALD ISLE

GULLANE DR. - SANTA ROSA, CA.

ARBORIST'S REPORT Tree Inventory & Evaluation

February 25, 2019

Prepared For:

Oakmont Senior Living

Submitted By:

Becky Duckles, ISA Certified Arborist #WE-0796A

Sebastopol, CA

707.829.0555 PH

EMERALD ISLE – Santa Rosa CA ARBORIST'S REPORT SUMMARY

February 25, 2019

The following arborist's report provides an inventory and evaluations of all trees over 4" diameter (at 54" above grade, unless noted otherwise) which might be impacted by proposed construction on the site of the Emerald Isle project in Santa Rosa, California. Tree locations are based on the Tree Protection Plan, dated February 2019, incorporating the most current revisions to the site plan prepared by Brelje & Race, project engineers.

The site is hilly with mostly native trees. They have been relatively undisturbed, and vary widely in their condition. They were initially inventoried in 1999, and have been re-evaluated in 2007, 2013 and December 2016 as well as November 2018 after the recent fires to assess their current condition and viability. Trees which have now reached the 4" threshold for protection within the construction zone have been added; numbered and tagged on site and included in the latest inventory. There are estimated to be many more young trees now 4" and larger in the portion of the site which will remain undisturbed which we have not surveyed or included in this inventory and totals. Many trees were burned during the wildfires and some were removed for a previous site plan. That information has been gathered in the field, and incorporated in the final combined Tree Inventory in coordination with Brelje and Race. We will continue to refine construction details to protect the trees to be preserved. If any changes are made to the site plan or grading plans, we will incorporate those revisions in our tree assessments.

All protected trees over 4" d.b.h. (diameter at breast height, 4.5') on the site are included; any that are within the zone of potential construction impact have been re-evaluated. They are tagged onsite, their ID numbers relating to the attached inventory and evaluation, and as shown on the Tree Preservation Plan. Trees which fell or died in the intervening years since the last tree survey have been removed from the inventory for clarity.

The format of the Arborist's Report – Emerald Isle is as follows:

Tree Inventory & Evaluation - A listing and discussion of the existing trees on site, including the following information:

Number - The number assigned to a tree for location reference on the Inventory & Site Plan
Species (Common & Botanical Name)

Trunk Diameter - Trunk diameter in inches at 54" above grade (d.b.h.), (unless noted otherwise)

General Condition - Rated Poor to Excellent. General comments about the tree's present condition. 'Poor' or 'Fair' may indicate severe loss of vigor, significant decay, possible disease, sparse foliage, branch dieback, suppressed growth due to competition, etc.

Structural Integrity - Rated Poor to Excellent, with specific comments regarding canopy development or angle of lean, significant defects or problems, etc.

Recommendations - Specific comments regarding tree potential for preservation, removal (if necessary for hazard reduction), and individual protection measures. Tree status is listed - whether to be preserved or removed.

Respectfully submitted,

Becky Duckles

Becky Duckles, Project Arborist, ISA Certified Consulting Arborist #WE-0796A

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
1	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Fair	Poor	Alive - To be Preserved	Broken Limb, Deadwood, Supressed Tree
2	Coast Live Oak	<i>Quercus agrifolia</i>	26	Multiple Stems	Good	Fair	Alive - To be Preserved	Crack, Deadwood
7	Coast Live Oak	<i>Quercus agrifolia</i>	11/9"	Multiple Stems	Fair/Good	Good	Alive - To be Preserved	
8	California Buckeye	<i>Aesculus californica</i>	13	Multiple Stems	Good	Good	Alive - To be Preserved	Supressed Tree, sprouting at base
9	Coast Live Oak	<i>Quercus agrifolia</i>	19	Single Stem	Good	Good	Alive - To be Preserved	
10	Coast Live Oak	<i>Quercus agrifolia</i>	18	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
11.1	California Bay	<i>Umbellularia californica</i>	10	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood
12	California Buckeye	<i>Aesculus californica</i>	11	Multiple Stems	Good	Fair	Alive - To be Preserved	Decay at base
13	Valley Oak	<i>Quercus lobata</i>	21	Multiple Stems	Fair	Good	Alive - To be Preserved	Deadwood
13.1	Coast Live Oak	<i>Quercus agrifolia</i>	19	Single Stem	Fair	Poor	Alive - To be Preserved	Deadwood, Decay
14	Black Oak	<i>Quercus kelloggii</i>	21	Multiple Stems	Dead	Dead	Removed	
15	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Dead	Dead	Removed	
17	California Bay	<i>Umbellularia californica</i>	31	Single Stem	Good	Fair	Alive - To be Preserved	Epicormic shoots, Weak attachments

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
18	Coast Live Oak	<i>Quercus agrifolia</i>	18	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Weak attachments
19	California Buckeye	<i>Aesculus californica</i>		Single Stem	Dead		Dead	
20	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Poor	Fair	Alive - To Be Removed	Deadwood
21	Black Oak	<i>Quercus kelloggii</i>	18	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood
22	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Poor	Fair	Alive - To Be Removed	
23	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Good	Fair	Alive - To Be Removed	
24	Black Oak	<i>Quercus kelloggii</i>	23	Multiple Stems	Good	Good	Alive - To Be Removed	Deadwood
24.1	California Bay	<i>Umbellularia californica</i>	8	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
25	Valley Oak	<i>Quercus lobata</i>	23	Multiple Stems	Good	Good	Alive - To Be Removed	
26	Coast Live Oak	<i>Quercus agrifolia</i>	27	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Weak attachments
27	Coast Live Oak	<i>Quercus agrifolia</i>	28	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Weak attachments
28	Valley Oak	<i>Quercus lobata</i>	20	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood
29	Coast Live Oak	<i>Quercus agrifolia</i>	29	Multiple Stems	Poor	Poor	Alive - To be Preserved	Deadwood, Decay at base, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
30	Coast Live Oak	<i>Quercus agrifolia</i>	23	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Weak attachments
31	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood
32	Coast Live Oak	<i>Quercus agrifolia</i>	22	Single Stem	Poor	Fair	Alive - To be Preserved	Cavity, Deadwood
33	Valley Oak	<i>Quercus lobata</i>	12	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
34	Valley Oak	<i>Quercus lobata</i>	15	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
35	Valley Oak	<i>Quercus lobata</i>	12	Single Stem	Poor	Fair	Alive - To be Preserved	Co-dominant Limbs, Deadwood, Supressed Tree
36	Valley Oak	<i>Quercus lobata</i>	13	Single Stem	Poor	Fair	Alive - To be Preserved	Cavity, Co-dominant Limbs, Deadwood, Decay, very little live growth
37	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Fair	Alive - To be Preserved	Cavity, Deadwood
37.1	Valley Oak	<i>Quercus lobata</i>	13	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood
37.2	Black Oak	<i>Quercus kelloggii</i>	27	Single Stem	Good	Fair	Alive - To be Preserved	Broken Limb, Cavity, Deadwood
38	Valley Oak	<i>Quercus lobata</i>	23"	Single Stem	Dead		Removed	
40	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
41	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
42	Coast Live Oak	<i>Quercus agrifolia</i>	19	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Decay
43	Black Oak	<i>Quercus kelloggii</i>	21	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Weak attachments
44	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Fair	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, Included Bark, Weak attachments
45	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Fair	Fair	Alive - To be Preserved	Crack, Deadwood, Epicormic shoots
46	Coast Live Oak	<i>Quercus agrifolia</i>	20	Multiple Stems	Fair	Good	Alive - To be Preserved	Deadwood
47	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood
48	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
49	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
50	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, Suppressed Tree
51	Coast Live Oak	<i>Quercus agrifolia</i>	18	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
52	Coast Live Oak	<i>Quercus agrifolia</i>	22	Single Stem	Good	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
53	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, Weak attachments
54	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
55	Coast Live Oak	<i>Quercus agrifolia</i>	22	Multiple Stems	Good	Fair	Alive - To be Preserved	Crack, Deadwood, Epicormic shoots
56	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Poor	Alive - To be Preserved	Epicormic shoots, Supressed Tree
57	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Poor	Alive - To be Preserved	Deadwood, Supressed Tree
58	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, Supressed Tree
59	Coast Live Oak	<i>Quercus agrifolia</i>	25	Multiple Stems	Fair	Fair	Alive - To be Preserved	Broken Limb, Deadwood
60	Coast Live Oak	<i>Quercus agrifolia</i>	17	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
61	Coast Live Oak	<i>Quercus agrifolia</i>	21	Multiple Stems	Poor	Fair	Alive - To be Preserved	Deadwood, Decay at base
62	Coast Live Oak	<i>Quercus agrifolia</i>	28	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood
62.1	Olive	<i>Olea europaea</i>	6	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
63	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
64	Coast Live Oak	<i>Quercus agrifolia</i>	19	Multiple Stems	Poor	Poor	Alive - To be Preserved	Deadwood, Decay at base
64.1	California Bay	<i>Umbellularia californica</i>	9	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
65	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Good	Outside Development Area	
66	Black Oak	<i>Quercus kelloggii</i>	10/12"	Multiple Stems	Excellent	Excellent	Outside Development Area	
67	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood
68	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Fair	Alive - To be Preserved	Crack, Deadwood
68.1	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Fair	Alive - To be Preserved	Epicormic shoots, Supressed Tree
68.2	California Bay	<i>Umbellularia californica</i>	6	Multiple Stems	Fair	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots
69	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, Supressed Tree
70	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Outside Development Area	
70.1	California Bay	<i>Umbellularia californica</i>	5"/4"	Multiple Stems	Good/Excellent	Excellent	Outside Development Area	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
71	Black Oak	<i>Quercus kelloggii</i>	11"	Single Stem	Excellent	Excellent	Outside Development Area	
71.1	California Bay	<i>Umbellularia californica</i>	10"	Single Stem	Excellent	Excellent	Outside Development Area	
71.2	California Bay	<i>Umbellularia californica</i>	7"	Single Stem	Excellent	Excellent	Outside Development Area	
72	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Good	Good	Outside Development Area	
73	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Fair/Good	Good	Outside Development Area	
74	California Bay	<i>Umbellularia californica</i>	18"	Single Stem	Good	Good	Outside Development Area	
75	California Buckeye	<i>Aesculus californica</i>	7"/7"/6"	Multiple Stems	Fair/Good	Good	Outside Development Area	
76	Black Oak	<i>Quercus kelloggii</i>	19"	Single Stem	Good/Excellent	Good/Excellent	Outside Development Area	
77	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Good	Good	Outside Development Area	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
78	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
79	California Bay	<i>Umbellularia californica</i>	9	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, location wrong on map
80	Black Oak	<i>Quercus kelloggii</i>	10"	Single Stem	Fair	Fair	Outside Development Area	
81	Black Oak	<i>Quercus kelloggii</i>	11" @ 3'	Single Stem	Good	Good, canopy radius 11' to north, 12' clearance	Outside Development Area	
82	Black Oak	<i>Quercus kelloggii</i>	9"	Single Stem	Good	Good, canopy radius 6' to north	Outside Development Area	
83	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
84	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood
85	Coast Live Oak	<i>Quercus agrifolia</i>	8"	Single Stem	Poor/Fair	Fair	Outside Development Area	
86	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
86.1	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	
87	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	
88	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	
89	Black Oak	<i>Quercus kelloggii</i>	9"	Single Stem	Good	Good	Outside Development Area	
90	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
91	Black Oak	<i>Quercus kelloggii</i>	9"	Single Stem	Good	Good	Outside Development Area	
92	Black Oak	<i>Quercus kelloggii</i>	10"	Single Stem	Good	Good	Outside Development Area	
93	Black Oak	<i>Quercus kelloggii</i>	8"	Single Stem	Good	Good	Outside Development Area	
94	Coast Live Oak	<i>Quercus agrifolia</i>	12" @ 3'	Single Stem	Fair/Good	Good	Outside Development Area	
95	Black Oak	<i>Quercus kelloggii</i>	10"	Single Stem	Good/Excellent	Good	Outside Development Area	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
96	California Bay	<i>Umbellularia californica</i>	11"	Single Stem	Excellent	Excellent	Outside Development Area	
97	California Bay	<i>Umbellularia californica</i>	17"	Single Stem	Good	Good	Outside Development Area	
98	Black Oak	<i>Quercus kelloggii</i>	18"	Single Stem	Excellent	Excellent, beautiful specimen	Outside Development Area	
99	California Bay	<i>Umbellularia californica</i>	12"	Single Stem	Excellent	Excellent	Outside Development Area	
100	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair/Good	Good	Outside Development Area	
101	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fair	Fair	Outside Development Area	
102	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Fair/Good	Good	Outside Development Area	
103	Black Oak	<i>Quercus kelloggii</i>	11"	Single Stem	Good/Excellent	Excellent, canopy radius 20' to north/west	Outside Development Area	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
104	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Good/Excellent	Excellent	Outside Development Area	
104.1	Coast Live Oak	<i>Quercus agrifolia</i>	24	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Included Bark, Vine growth
105	California Bay	<i>Umbellularia californica</i>	15"	Single Stem	Good/Excellent	Good	Outside Development Area	
106	Black Oak	<i>Quercus kelloggii</i>	12"	Single Stem	Good	Good	Outside Development Area	
107	Black Oak	<i>Quercus kelloggii</i>	8"	Single Stem	Good	Good, low branching, trunk leans to west	Outside Development Area	
108	Coast Live Oak	<i>Quercus agrifolia</i>	10"/5"	Multiple Stems	Good	Good	Outside Development Area	
109	Black Oak	<i>Quercus kelloggii</i>	15"		Poor/Fair	Poor, severe internal decay	Outside Development Area	
110	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
111	Black Oak	<i>Quercus kelloggii</i>	12	Single Stem	Good	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
112	Coast Live Oak	<i>Quercus agrifolia</i>	13	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
113	Coast Live Oak	<i>Quercus agrifolia</i>	19	Multiple Stems	Fair	Good	Alive - To be Preserved	
113.5	California Bay	<i>Umbellularia californica</i>	14	Multiple Stems	Good	Poor	Alive - To be Preserved	Co-dominant tree, Included Bark
114	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Fair	Good	Alive - To Be Removed	
114.1	Coast Live Oak	<i>Quercus agrifolia</i>	5	Single Stem	Fair	Good	Alive - To be Preserved	
114.2	Olive	<i>Olea europaea</i>	5	Single Stem	Poor	Fair	Alive - To be Preserved	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
114.3	Coast Live Oak	<i>Quercus agrifolia</i>	5	Single Stem	Fair	Fair	Alive - To be Preserved	
114.4	Coast Live Oak	<i>Quercus agrifolia</i>	15	Multiple Stems	Good	Fair	Alive - To be Preserved	
114.5	Olive	<i>Olea europaea</i>	6	Multiple Stems	Poor	Fair	Alive - To Be Removed	
115	Black Oak	<i>Quercus kelloggii</i>	26	Multiple Stems	Good	Good	Alive - To be Preserved	v
116	Black Oak	<i>Quercus kelloggii</i>	18	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood
116.1	California Bay	<i>Umbellularia californica</i>	12	Multiple Stems	Good	Fair	Alive - To be Preserved	Cavity

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
117	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Good	Good	Alive - To be Preserved	
118	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	
119.1	California Bay	<i>Umbellularia californica</i>		Single Stem	Fair	Poor	Alive - To Be Removed	
120	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Good	Excellent	Alive - To Be Removed	
121	Coast Live Oak	<i>Quercus agrifolia</i>	18	Single Stem	Good	Excellent	Alive - To Be Removed	
121.1	Coast Live Oak	<i>Quercus agrifolia</i>	23	Single Stem	Good	Fair	Alive - To be Preserved	Broken Limb, Deadwood, Epicormic shoots
121.2	Coast Live Oak	<i>Quercus agrifolia</i>	30	Multiple Stems	Fair	Poor	Alive - To be Preserved	Broken Limb, Cavity, Deadwood, Decay at base, Epicormic shoots, Vine growth
121.3	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem			Removed	
121.4	Coast Live Oak	<i>Quercus agrifolia</i>	7"/10"	Multiple Stems			Alive - To be Preserved	
122	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Good	Fair	Alive - To be Preserved	Broken Limb, Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
123	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Poor	Poor	Alive - To be Preserved	Cavity, Deadwood, Decay
123.1	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Dead		Dead	
123.2	Black Oak	<i>Quercus kelloggii</i>	26	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
123.3	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
123.4	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
124	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Good	Good	Alive - To Be Removed	
125	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	Broken Limb, Deadwood
127	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To Be Removed	
127.1	Valley Oak	<i>Quercus lobata</i>	29	Single Stem	Poor	Poor	Alive - To be Preserved	Cavity, Decay, very little new growth
127.2	Black Oak	<i>Quercus kelloggii</i>	13	Single Stem	Poor	Poor	Alive - To be Preserved	Broken Limb, Deadwood, Vine growth
127.3	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
128	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Good	Fair	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
129	Valley Oak	<i>Quercus lobata</i>	11"	Single Stem	Good/Excellent	Excellent-small w/high branching	Outside Development Area	
130	Valley Oak	<i>Quercus lobata</i>	12	Single Stem	Poor	Good	Alive - To Be Removed	
131	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	Tree missing
132	Coast Live Oak	<i>Quercus agrifolia</i>	13	Multiple Stems	Fair	Good	Alive - To Be Removed	
133	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	Tree missing
134	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Good	Alive - To Be Removed	Trunk Leaning (W)
135	California Bay	<i>Umbellularia californica</i>	15	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood, Epicormic shoots
136	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Fair	Fair	Alive - To be Preserved	
137	Black Oak	<i>Quercus kelloggii</i>	22	Single Stem	Fair	Good	Alive - To Be Removed	Bee nest in tree cavity about 5' up on western part of tree
138	Coast Live Oak	<i>Quercus agrifolia</i>	32	Multiple Stems	Good	Good	Alive - To be Preserved	Cavity, Decay
139	Black Oak	<i>Quercus kelloggii</i>	21	Single Stem	Good	Good	Alive - To Be Removed	
140	Black Oak	<i>Quercus kelloggii</i>	12	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
141	Black Oak	<i>Quercus kelloggii</i>	18	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood
142	Black Oak	<i>Quercus kelloggii</i>	40	Multiple Stems	Good	Good	Alive - To Be Removed	
143	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead - To Be Removed	
144	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead - To Be Removed	
145	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Good	Good	Alive - To Be Removed	
146	Black Oak	<i>Quercus kelloggii</i>	16	Single Stem	Good	Good	Alive - To Be Removed	Crack, Trunk Leaning (N)
147	Coast Live Oak	<i>Quercus agrifolia</i>	22	Multiple Stems	Good	Good	Alive - To Be Removed	Deadwood
148	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Good	Alive - To Be Removed	Cavity, Deadwood, Epicormic shoots
149	Douglas Fir	<i>Pseudotsuga menziesii</i>	35	Single Stem	Good	Good	Alive - To Be Removed	Deadwood
150	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Alive - To Be Removed	
151	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood, Epicormic shoots
152	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	
153	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Alive - To Be Removed	Deadwood, Supressed Tree, Trunk Leaning (W)

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
154	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Good	Good	Alive - To Be Removed	Deadwood
155	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead - To Be Removed	
155.1	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	
156	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, Supressed Tree
157	Coast Live Oak	<i>Quercus agrifolia</i>	11	Multiple Stems	Fair	Good	Alive - To be Preserved	Deadwood, Supressed Tree, Trunk Leaning (W)
158	Coast Live Oak	<i>Quercus agrifolia</i>	20	Multiple Stems	Fair	Good	Alive - To be Preserved	Cavity, Epicormic shoots, Supressed Tree
159	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Tree missing
160	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Good	Alive - To be Preserved	Deadwood, was a multi-stemmed tree. Two stems burnt in fire
161	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	Tree missing
162	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Good	Good	Alive - To be Preserved	Deadwood, Vine growth
163	Black Oak	<i>Quercus kelloggii</i>	12	Multiple Stems	Poor	Fair	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
164	Coast Live Oak	<i>Quercus agrifolia</i>	24	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood
165	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood
165.1	California Bay	<i>Umbellularia californica</i>	26	Single Stem	Good	Fair	Alive - To be Preserved	Cavity, Epicormic shoots, Weak attachments
165.2	Coast Live Oak	<i>Quercus agrifolia</i>	28	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Decay at base
166	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Fair	Alive - To be Preserved	Broken Limb, Deadwood, Supressed Tree
167	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Dead		Dead	
168	Douglas Fir	<i>Pseudotsuga menziesii</i>	29	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
169	Douglas Fir	<i>Pseudotsuga menziesii</i>	25	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
170	Douglas Fir	<i>Pseudotsuga menziesii</i>	25	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
171	Black Oak	<i>Quercus kelloggii</i>	32	Single Stem	Dead		Dead	
172	California Bay	<i>Umbellularia californica</i>	20	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
173	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To be Preserved	
174	Black Oak	<i>Quercus kelloggii</i>	18	Single Stem	Good	Good	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
175	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Good	Good	Alive - To Be Removed	
176	Valley Oak	<i>Quercus lobata</i>	14	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood
177	Coast Live Oak	<i>Quercus agrifolia</i>	18	Multiple Stems	Fair	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
178	Black Oak	<i>Quercus kelloggii</i>	21	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
179	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Fair	Alive - To be Preserved	
180	Coast Live Oak	<i>Quercus agrifolia</i>	30	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, fire damage at base, fire destroyed two main stems
181	Coast Live Oak	<i>Quercus agrifolia</i>	31	Multiple Stems	Good	Good	Alive - To Be Removed	
182	California Bay	<i>Umbellularia californica</i>	16	Multiple Stems	Poor	Poor	Alive - To Be Removed	Epicormic shoots
183	Black Oak	<i>Quercus kelloggii</i>	20	Single Stem	Good	Good	Alive - To Be Removed	
184	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Poor	Poor	Alive - To Be Removed	Supressed Tree, Trunk Leaning (W)
185	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	
186	Coast Live Oak	<i>Quercus agrifolia</i>	12	Multiple Stems	Poor		Alive - To Be Removed	Deadwood, Supressed Tree, Trunk Leaning (W)

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
187	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood
187.1	Black Oak	<i>Quercus kelloggii</i>	7	Single Stem	Dead		Dead - To Be Removed	
188	Black Oak	<i>Quercus kelloggii</i>	12	Multiple Stems	Fair	Good	Alive - To Be Removed	Deadwood
189	California Bay	<i>Umbellularia californica</i>	14	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood
190	Black Oak	<i>Quercus kelloggii</i>	8	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood
191	California Bay	<i>Umbellularia californica</i>	22	Multiple Stems	Fair	Good	Alive - To Be Removed	Co-dominant tree
192	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	
192.1	Black Oak	<i>Quercus kelloggii</i>	9	Single Stem	Poor	Good	Alive - To Be Removed	
193	Black Oak	<i>Quercus kelloggii</i>	13	Single Stem	Good	Good	Alive - To Be Removed	
193.1	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	Tree missing
193.2	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Poor	Fair	Alive - To be Preserved	Supressed Tree

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
194	Black Oak	<i>Quercus kelloggii</i>	24	Multiple Stems	Good	Good	Alive - To Be Removed	
195	Black Oak	<i>Quercus kelloggii</i>	6	Single Stem	Dead		Dead - To Be Removed	
195.1	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Fair	Alive - To Be Removed	Deadwood, Supressed Tree
196	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	
197	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	Collapsed
198	Black Oak	<i>Quercus kelloggii</i>	16	Single Stem	Poor	Good	Alive - To Be Removed	Deadwood
199	California Bay	<i>Umbellularia californica</i>	14	Single Stem	Fair	Good	Alive - To be Preserved	Fire damage at base
200	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Good	Good	Alive - To be Preserved	
201	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Good	Alive - To Be Removed	
203	California Bay	<i>Umbellularia californica</i>	15	Multiple Stems	Fair	Fair	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
204	California Bay	<i>Umbellularia californica</i>	17	Single Stem	Good	Good	Alive - To Be Removed	
205	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Good	Fair	Alive - To Be Removed	
206	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Tree missing
207	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	
208	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To Be Removed	
209	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Fair	Alive - To Be Removed	
210	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To Be Removed	
211	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Good	Alive - To Be Removed	
212	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Fair	Good	Alive - To Be Removed	
213	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Good	Alive - To Be Removed	
214	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Poor	Good	Alive - To Be Removed	
215	California Bay	<i>Umbellularia californica</i>	13	Single Stem	Dead		Dead - To Be Removed	
215.1	California Bay	<i>Umbellularia californica</i>	20	Multiple Stems	Dead		Dead - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
216	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Poor	Alive - To be Preserved	Trunk Leaning (E)
217	Black Oak	<i>Quercus kelloggii</i>	9	Single Stem	Dead		Dead - To Be Removed	
218.1	Black Oak	<i>Quercus kelloggii</i>	7	Single Stem	Dead		Dead - To Be Removed	
219	Oregon Oak	<i>Quercus garryana</i>	12	Single Stem	Fair	Good	Alive - To Be Removed	
220	Black Oak	<i>Quercus kelloggii</i>	13	Single Stem	Poor	Good	Alive - To Be Removed	
221	California Bay	<i>Umbellularia californica</i>	14	Multiple Stems	Good	Fair	Alive - To Be Removed	One stem failed and died in fire
222	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Good	Fair	Alive - To Be Removed	
223	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Fair	Alive - To Be Removed	
223.1	Coast Live Oak	<i>Quercus agrifolia</i>	23	Single Stem	Fair	Fair	Alive - To Be Removed	
224	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Poor	Fair	Alive - To Be Removed	
225	California Bay	<i>Umbellularia californica</i>	9	Single Stem	Fair	Fair	Alive - To Be Removed	
226	Coast Live Oak	<i>Quercus agrifolia</i>	25	Single Stem	Fair	Good	Alive - To Be Removed	
227	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
227.1	California Bay	<i>Umbellularia californica</i>	8	Multiple Stems	Dead		Dead - To Be Removed	
228	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Fair	Fair	Alive - To Be Removed	
229	Valley Oak	<i>Quercus lobata</i>	19	Single Stem	Fair	Fair	Alive - To Be Removed	
230	Coast Live Oak	<i>Quercus agrifolia</i>	21	Single Stem	Good	Good	Alive - To be Preserved	
231	Coast Live Oak	<i>Quercus agrifolia</i>	20"	Single Stem	Good	Good; low branching	Removed	
232	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Poor	Poor; extensive decay	Removed	
233	Olive	<i>Olea europaea</i>	8" @ 3'	Single Stem	Fair	Good	Removed	
234	Coast Live Oak	<i>Quercus agrifolia</i>	23	Single Stem	Fair	Fair	Alive - To Be Removed	
235	Coast Live Oak	<i>Quercus agrifolia</i>	21	Single Stem	Fair	Fair	Alive - To Be Removed	
236	California Bay	<i>Umbellularia californica</i>	11	Single Stem	Poor	Fair	Alive - To Be Removed	
236.1	California Bay	<i>Umbellularia californica</i>	7	Single Stem	Dead		Dead - To Be Removed	
237	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Fair	Fair	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
238	Coast Live Oak	<i>Quercus agrifolia</i>	25"	Single Stem	Fire Killed	Poor	Removed	
239	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Good	Alive - To Be Removed	
240.1	Black Oak	<i>Quercus kelloggii</i>	6"	Single Stem	Fair	Poor; trunk leans north/west	Alive - To be Preserved	
241	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Good	Good	Removed	
242	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Fire Killed	Good; trunk leans south/east	Removed	
243	Coast Live Oak	<i>Quercus agrifolia</i>	8"	Single Stem	Good	Fair	Removed	
244	Coast Live Oak	<i>Quercus agrifolia</i>	16/13"	Multiple Stems	Fair/Good	Good; canopy radius 30' east, 14' north	Removed	
245	Coast Live Oak	<i>Quercus agrifolia</i>	21" @ 2'	Single Stem	Fire Killed	Good	Removed	
246	Coast Live Oak	<i>Quercus agrifolia</i>	12/17"	Multiple Stems	Fire Killed	Excellent; clearance 8' west, 12' east	Removed	
247	Coast Live Oak	<i>Quercus agrifolia</i>	26" @ 2'	Single Stem	Good	Fair/Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
248	Black Oak	<i>Quercus kelloggii</i>	15"	Single Stem	Fire Killed	Excellent	Removed	
249	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Good	Fair	Removed	
250	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair	Fair	Removed	
251	Coast Live Oak	<i>Quercus agrifolia</i>	14" @ 3'	Single Stem	Good	Good	Removed	
252	California Bay	<i>Umbellularia californica</i>	9/13/1 3"	Multiple Stems	Fire Killed	Fair	Removed	
253	Coast Live Oak	<i>Quercus agrifolia</i>	20"	Single Stem	Fire Killed	Fair; large cavity on E side	Removed	
254	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Fire Killed	Good; canopy radius 10' east, 10' west	Removed	
255	Coast Live Oak	<i>Quercus agrifolia</i>	7/11"	Multiple Stems	Fire Killed	Good	Removed	
256	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Fair	Fair; s-shaped trunk west to south/east	Removed	
257	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Fire Killed	Fair; dead stem	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
257.1	Black Oak	<i>Quercus kelloggii</i>	8"	Single Stem	Poor/Fair	Fair	Removed	
258	Oregon Oak	<i>Quercus garryana</i>	13	Multiple Stems	Fair	Good	Alive - To Be Removed	
259	California Bay	<i>Umbellularia californica</i>	9	Single Stem	Dead		Dead - To Be Removed	
260	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Fair	Alive - To Be Removed	
261	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	
261	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Poor/Fair	Fair	Removed	
262	Coast Live Oak	<i>Quercus agrifolia</i>	11"	Single Stem	Fire Killed	Fair; cavity in base of trunk	Removed	
263	California Bay	<i>Umbellularia californica</i>	12" @ 3'	Single Stem	Possibly Fire Killed	Good	Removed	
264	Black Oak	<i>Quercus kelloggii</i>	14"	Single Stem	Good	Good	Removed	
265	Coast Live Oak	<i>Quercus agrifolia</i>	19"	Single Stem	Excellent	Excellent	Removed	
266	Black Oak	<i>Quercus kelloggii</i>	25" @ 2'	Single Stem	Fire Killed	Fair	Removed	
267	Black Oak	<i>Quercus kelloggii</i>	13	Single Stem	Poor	Poor	Alive - To Be Removed	Trunk Leaning (W)

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
268	Coast Live Oak	<i>Quercus agrifolia</i>	18	Single Stem	Good	Good	Alive - To be Preserved	
268.1	California Bay	<i>Umbellularia californica</i>	10	Multiple Stems	Dead		Dead - To Be Removed	
269	Black Oak	<i>Quercus kelloggii</i>	19	Single Stem	Fair	Fair	Alive - To be Preserved	
270	Black locust	<i>Robinia pseudoacacia</i>	12	Multiple Stems	Poor	Fair	Alive - To Be Removed	
270.1	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Tree missing
270.2	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Tree missing
271	Black Oak	<i>Quercus kelloggii</i>	16	Single Stem	Good	Fair	Alive - To be Preserved	Trunk Leaning (N) towards parking lot

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
272	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Good	Alive - To be Preserved	
273	Coast Live Oak	<i>Quercus agrifolia</i>	20	Multiple Stems	Fair	Good	Alive - To be Preserved	Cavity, Deadwood
274	Black Oak	<i>Quercus kelloggii</i>	9	Single Stem	Fair	Fair	Alive - To be Preserved	Cavity, Crack, Trunk Leaning (W)
275	Black Oak	<i>Quercus kelloggii</i>	9	Single Stem	Fair	Fair	Alive - To Be Removed	
276	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Fair	Good	Alive - To Be Removed	
277	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Good	Good	Alive - To Be Removed	
278	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Good	Good	Alive - To Be Removed	
279	Black Oak	<i>Quercus kelloggii</i>	7	Single Stem	Good	Good	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
280	Black Oak	<i>Quercus kelloggii</i>	12	Single Stem	Fair	Good	Alive - To Be Removed	
281	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Fair	Good	Alive - To Be Removed	
281.1	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Good	Good	Alive - To Be Removed	
282	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Fair	Good	Alive - To Be Removed	
283	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Good	Good	Alive - To Be Removed	
283.1	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Fair	Good	Alive - To Be Removed	
283.2	California Bay	<i>Umbellularia californica</i>	18	Single Stem	Good	Fair	Alive - To be Preserved	Cavity
284	California Bay	<i>Umbellularia californica</i>	12	Single Stem	Fair	Fair	Alive - To Be Removed	
285	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Poor	Fair	Alive - To Be Removed	
287	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Fair	Good	Alive - To Be Removed	
289	California Bay	<i>Umbellularia californica</i>	9" @ 2.5'	Single Stem	Fair	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
290	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Fair	Good	Alive - To be Preserved	
291	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Fair	Fair	Alive - To be Preserved	
292	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
293	Black Oak	<i>Quercus kelloggii</i>	6	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, very little live growth
294	Black Oak	<i>Quercus kelloggii</i>	7	Single Stem	Fair	Good	Alive - To be Preserved	
295	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Good	Alive - To be Preserved	Supressed Tree
296	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To be Preserved	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
296.1	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Alive - To be Preserved	Supressed Tree
297	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Good	Good	Alive - To Be Removed	
298	Black Oak	<i>Quercus kelloggii</i>	10	Multiple Stems	Fair	Good	Alive - To Be Removed	
299	Black Oak	<i>Quercus kelloggii</i>	9	Single Stem	Good	Fair	Alive - To Be Removed	
300	Black Oak	<i>Quercus kelloggii</i>	7	Single Stem	Good	Good	Alive - To be Preserved	Supressed Tree
301	Coast Live Oak	<i>Quercus agrifolia</i>	15	Multiple Stems	Good	Good	Alive - To be Preserved	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
302	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Good	Good	Alive - To be Preserved	Specimen tree
303	California Bay	<i>Umbellularia californica</i>	16	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
304	Black Oak	<i>Quercus kelloggii</i>	19	Multiple Stems	Good	Fair	Alive - To be Preserved	Cavity, Deadwood
305	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
306	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
307	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
308	Coast Live Oak	<i>Quercus agrifolia</i>	6	Single Stem	Fair	Poor	Alive - To be Preserved	Deadwood, Supressed Tree
309	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem			Dead	
310	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, Supressed Tree
311	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
312	Coast Live Oak	<i>Quercus agrifolia</i>	6"		Fair	Fair	Outside Development Area	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
313	California Buckeye	<i>Aesculus californica</i>	10	Single Stem	Good	Good	Alive - To be Preserved	
315	Black Oak	<i>Quercus kelloggii</i>	26	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Vine growth
316	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Fair	Alive - To be Preserved	Broken Limb, Deadwood
317	California Buckeye	<i>Aesculus californica</i>		Single Stem	Dead		Dead	
318	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
319	California Buckeye	<i>Aesculus californica</i>		Single Stem	Dead		Dead - To Be Removed	
320	California Bay	<i>Umbellularia californica</i>	15	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood
321	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
322	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
323	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
324	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
326	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
327	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Supressed Tree

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
328	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood
330	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Good	Alive - To be Preserved	
331	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair/Good	Good	Removed	
332	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Poor	Removed	
333	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Excellent	Excellent	Removed	
335	Coast Live Oak	<i>Quercus agrifolia</i>	19"	Single Stem	Excellent	Good; trunk leans east	Removed	
336	California Bay	<i>Umbellularia californica</i>	6"	Single Stem	Fire Killed	Good	Removed	
337	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fire Killed	Fair	Removed	
338	California Bay	<i>Umbellularia californica</i>	12"/7"/4"	Multiple Stems	Fire Killed	Excellent	Removed	
339	California Bay	<i>Umbellularia californica</i>	8" @ 3'	Single Stem	Fire Killed	Good, though damaged	Removed	
340	Coast Live Oak	<i>Quercus agrifolia</i>	21"	Single Stem	Good	Excellent	Removed	
341	California Bay	<i>Umbellularia californica</i>	7/5/5"	Multiple Stems	Good	Fair; multiple trunks	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
342	Coast Live Oak	<i>Quercus agrifolia</i>	7"	Single Stem	Good	Good	Removed	
343	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Fair	Poor	Removed	
344	California Bay	<i>Umbellularia californica</i>	5/5/7"	Multiple Stems	Fire Killed	Excellent	Removed	
345	California Bay	<i>Umbellularia californica</i>	5"/6"	Multiple Stems	Fire Killed	Good	Removed	
346	California Bay	<i>Umbellularia californica</i>	4/4/5/5/8"	Multiple Stems	Good	Good	Removed	
347	California Bay	<i>Umbellularia californica</i>	4/5/5/6/6"	Multiple Stems	Excellent	Excellent	Removed	
348	California Bay	<i>Umbellularia californica</i>	4/5/6"	Multiple Stems	Good	Good	Removed	
349	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Good	Good; canopy radius 20' north	Removed	
350	Coast Live Oak	<i>Quercus agrifolia</i>	11"	Single Stem	Fair	Poor	Removed	
351	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Good	Good	Removed	
352	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Good	Good	Removed	
353	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Excellent	Good	Removed	
354	Black Oak	<i>Quercus kelloggii</i>	26"	Single Stem	Fair	Fair; trunk leans west	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
355	California Bay	<i>Umbellularia californica</i>	5/19"	Multiple Stems	Fair	Fair; canopy radius 15' south	Removed	
356	California Bay	<i>Umbellularia californica</i>	15"	Single Stem	Good	Good; canopy radius 15' south, low branching	Removed	
357	Coast Live Oak	<i>Quercus agrifolia</i>	8"	Single Stem	Fair	Fair	Removed	
358	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good; slight lean north	Removed	
359	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Fair	Fair; extensive decay	Removed	
360	Coast Live Oak	<i>Quercus agrifolia</i>	19"	Single Stem	Good	Fair	Removed	
361	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Good/Excellent	Good	Removed	
362	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Good/Excellent	Good; trunk leans south/west, canopy radius 25' south	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
363	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair	Fair	Removed	
364	California Bay	<i>Umbellularia californica</i>	15"/10 " / 7"		Fair	Fair/Good	Removed	
365	Coast Live Oak	<i>Quercus agrifolia</i>	23"	Single Stem	Excellent	Excellent	Removed	
366	Valley Oak	<i>Quercus lobata</i>	19"	Single Stem	Fair	Fair	Removed	
367	Black Oak	<i>Quercus kelloggii</i>	23"	Single Stem	Fire Killed	Good; canopy radius 20' north	Removed	
368	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Good	Good; trunk leans west	Removed	
369	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Good	Fair	Removed	
370	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Good	Fair	Removed	
371	California Bay	<i>Umbellularia californica</i>	6"/5"		Fire Killed	Good	Removed	
372	California Bay	<i>Umbellularia californica</i>	6"	Single Stem	Fair	Fair	Removed	
373	California Bay	<i>Umbellularia californica</i>	7"	Single Stem	Good	Good	Removed	
374	California Bay	<i>Umbellularia californica</i>	5"/4"	Multiple Stems	Good/Excellent	Excellent	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
375	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Good/Excellent	Excellent	Removed	
376	California Bay	<i>Umbellularia californica</i>	6/6/7"	Multiple Stems	Fair	Fair/Good	Removed	
377	California Bay	<i>Umbellularia californica</i>	5/6"	Multiple Stems	Fair	Good	Removed	
378	California Bay	<i>Umbellularia californica</i>	10	Multiple Stems	Good	Good	Alive - To Be Removed	Deadwood, Epicormic shoots
379	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Good	Fair; trunk leans south	Removed	
380	Coast Live Oak	<i>Quercus agrifolia</i>	4/5/11"	Multiple Stems	Good	Excellent	Removed	
381	California Bay	<i>Umbellularia californica</i>	6/7"	Multiple Stems	Good	Excellent	Removed	
382	California Bay	<i>Umbellularia californica</i>	5/6"	Multiple Stems	Fire Killed	Excellent	Removed	
383	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Fair	Fair	Removed	
384	Coast Live Oak	<i>Quercus agrifolia</i>	14/16"	Multiple Stems	Fair	Fair; canopy radius 10' south	Removed	
385	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Fair	Good	Removed	
387	Black Oak	<i>Quercus kelloggii</i>	16"	Single Stem	Fire Killed	Fair	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
388	California Bay	<i>Umbellularia californica</i>	13/26" @ 3'	Multiple Stems	Fire Killed	Good	Removed	
389	Black Oak	<i>Quercus kelloggii</i>	13" @ 3'	Single Stem	Fair/Good	Fair/Good	Removed	
390	California Bay	<i>Umbellularia californica</i>	11"	Single Stem	Fire Killed	Good	Removed	
391	Black Oak	<i>Quercus kelloggii</i>	11"	Single Stem	Fire Killed	Good	Removed	
392	Black Oak	<i>Quercus kelloggii</i>	15"	Single Stem	Good	Good	Removed	
393	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair	Fair	Removed	
394	California Bay	<i>Umbellularia californica</i>	4/7/16 "	Multiple Stems	Good	Good	Removed	
395	Coast Live Oak	<i>Quercus agrifolia</i>	8/19"	Multiple Stems	Excellent	Excellent	Removed	
396	Coast Live Oak	<i>Quercus agrifolia</i>	19" @ 3'	Single Stem	Excellent	Excellent	Removed	
397	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Poor	Good	Removed	
398	California Bay	<i>Umbellularia californica</i>	12"	Single Stem	Good	Good	Removed	
399	California Bay	<i>Umbellularia californica</i>	16"	Single Stem	Fire Killed	Poor; extensive decay	Removed	
400	Coast Live Oak	<i>Quercus agrifolia</i>	11" @ 4'	Single Stem	Good	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
401	Coast Live Oak	<i>Quercus agrifolia</i>	20"	Single Stem	Good	Excellent	Removed	
402	California Bay	<i>Umbellularia californica</i>	12"	Single Stem	Fire Killed	Fair	Removed	
403	California Bay	<i>Umbellularia californica</i>	19" @ 2'	Single Stem	Fire Killed	Fair	Removed	
404	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fire Killed	Good	Removed	
405	Coast Live Oak	<i>Quercus agrifolia</i>	22" @ 4'	Single Stem	Fire Killed	Good	Removed	
406	California Bay	<i>Umbellularia californica</i>	11"	Single Stem	Fire Killed	Poor	Removed	
407	California Bay	<i>Umbellularia californica</i>	6/26"	Multiple Stems	Fire Killed	Fair/Good	Removed	
408	Coast Live Oak	<i>Quercus agrifolia</i>	11" @ 4'	Single Stem	Possibly Fire Killed	Fair	Removed	
409	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Possibly Fire Killed	Good	Removed	
410	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Good	Removed	
411	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Good	Good	Removed	
412	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Fire Killed	Good	Removed	
413	Black Oak	<i>Quercus kelloggii</i>	14"	Single Stem	Fire Killed	Good; good clearance north	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
415	California Bay	<i>Umbellularia californica</i>	17"	Single Stem	Fire Killed	Fair/Poor, decay column	Removed	
416	California Bay	<i>Umbellularia californica</i>	13"	Single Stem	Fire Killed	Fair	Removed	
417	Black Oak	<i>Quercus kelloggii</i>	13"	Single Stem	Fire Killed	Good	Removed	
418	Black Oak	<i>Quercus kelloggii</i>	10"	Single Stem	Fire Killed	Poor	Removed	
419	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair	Fair	Removed	
420	Coast Live Oak	<i>Quercus agrifolia</i>	13"/22"	Multiple Stems	Possibly Fire Killed	Fair	Removed	
422	Black Oak	<i>Quercus kelloggii</i>	12	Single Stem	Fire Killed	Good	Removed	
423	Black Oak	<i>Quercus kelloggii</i>	8"	Single Stem	Fire Killed	Fair	Removed	
425	Coast Live Oak	<i>Quercus agrifolia</i>	7"	Single Stem	Poor	Poor; decay column	Removed	
426	Black Oak	<i>Quercus kelloggii</i>	14"	Single Stem	Good	Good; low branching north/east	Removed	
427	Coast Live Oak	<i>Quercus agrifolia</i>	13" @ 3'	Single Stem	Fire Killed	Good	Removed	
428	Coast Live Oak	<i>Quercus agrifolia</i>	18"	Single Stem	Possibly Fire Killed	Excellent	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
429	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Excellent	Excellent	Removed	
430	Coast Live Oak	<i>Quercus agrifolia</i>	19"	Single Stem	Good	Good; low lateral; canopy radius 13' east	Removed	
431	Valley Oak	<i>Quercus lobata</i>	13"	Single Stem	Fair	Poor	Removed	
432	California Bay	<i>Umbellularia californica</i>	20"	Single Stem	Good	Good; low clearance	Removed	
433	Coast Live Oak	<i>Quercus agrifolia</i>	9	Multiple Stems	Fair	Fair	Alive - To Be Removed	
434	Valley Oak	<i>Quercus lobata</i>	15	Single Stem	Poor	Poor	Alive - To Be Removed	
435	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Fair	Good	Alive - To Be Removed	
436	Valley Oak	<i>Quercus lobata</i>	14	Multiple Stems	Fair	Fair	Alive - To Be Removed	
437	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	
438	Oregon Oak	<i>Quercus garryana</i>	10	Single Stem	Fair	Good	Alive - To Be Removed	
439	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Fair	Fair	Alive - To Be Removed	
440	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Good	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
441	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	
442	Coast Live Oak	<i>Quercus agrifolia</i>	5	Single Stem	Poor	Poor	Alive - To Be Removed	
443	Coast Live Oak	<i>Quercus agrifolia</i>	14	Multiple Stems	Fair	Poor	Alive - To Be Removed	
444	Coast Live Oak	<i>Quercus agrifolia</i>	27	Single Stem	Fair	Fair	Alive - To Be Removed	
445	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Poor	Good	Alive - To Be Removed	
446	Black Oak	<i>Quercus kelloggii</i>	16	Single Stem	Fair	Fair	Alive - To Be Removed	
447	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Fair	Good	Alive - To Be Removed	
448	Coast Live Oak	<i>Quercus agrifolia</i>	5	Single Stem	Fair	Fair	Alive - To Be Removed	
449	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Good	Alive - To Be Removed	
450	Black Oak	<i>Quercus kelloggii</i>	17	Single Stem	Fair	Good	Alive - To Be Removed	
451	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Fair	Fair	Alive - To be Preserved	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
452	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood, Trunk Leaning (W)
453	Valley Oak	<i>Quercus lobata</i>	13	Single Stem	Fair	Good	Alive - To be Preserved	
454	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Fair	Good	Alive - To be Preserved	
455	Black Oak	<i>Quercus kelloggii</i>	17	Multiple Stems	Fair	Fair	Alive - To be Preserved	
456	Black Oak	<i>Quercus kelloggii</i>	17	Multiple Stems	Dead		Dead	
457	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead - To Be Removed	Only burnt stump remains
458	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Poor	Fair	Alive - To Be Removed	
459	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Fair	Poor	Alive - To Be Removed	
460	Black Oak	<i>Quercus kelloggii</i>	11"	Single Stem	Fire Killed	Poor	Removed	
461	Valley Oak	<i>Quercus lobata</i>	12"	Single Stem	Fire Killed	Good	Removed	
462	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Fire Killed	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
463	California Bay	<i>Umbellularia californica</i>	9"/7"/10"	Multiple Stems	Fire Killed	Good	Removed	
464	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fire Killed	Fair	Removed	
465	Valley Oak	<i>Quercus lobata</i>	19"	Single Stem	Fire Killed	Fair	Removed	
466	Black Oak	<i>Quercus kelloggii</i>	11"	Single Stem	Possibly Fire Killed	Fair	Removed	
467	California Bay	<i>Umbellularia californica</i>	14"	Single Stem	Fire Killed	Good	Removed	
468	Coast Live Oak	<i>Quercus agrifolia</i>	8/11"	Multiple Stems	Excellent	Good	Removed	
469	Valley Oak	<i>Quercus lobata</i>	17"	Single Stem	Fire Killed	Good	Removed	
470	California Buckeye	<i>Aesculus californica</i>	5/6/8"	Multiple Stems	Fire Killed	Fair	Removed	
471	Valley Oak	<i>Quercus lobata</i>	9"	Single Stem	Possibly Fire Killed	Good	Removed	
472	California Bay	<i>Umbellularia californica</i>	5/6/6"	Multiple Stems	Fire Killed	Excellent	Removed	
473	California Bay	<i>Umbellularia californica</i>	12"	Single Stem	Fire Killed	Poor	Removed	
474	Coast Live Oak	<i>Quercus agrifolia</i>	15" @ 3'	Single Stem	Fire Killed	Excellent	Removed	
475	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Fire Killed	Good; trunk leans south	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
476	Valley Oak	<i>Quercus lobata</i>	13/14" "	Multiple Stems	Fire Killed	Fair	Removed	
477	Black Oak	<i>Quercus kelloggii</i>	9"	Single Stem	Fire Killed	Fair	Removed	
478	Black Oak	<i>Quercus kelloggii</i>	10"	Single Stem	Fire Killed	Fair	Removed	
479	California Bay	<i>Umbellularia californica</i>	7"	Single Stem	Fire Killed	Good	Removed	
480	Black Oak	<i>Quercus kelloggii</i>	11"	Single Stem	Fire Killed	Good	Removed	
481	Black Oak	<i>Quercus kelloggii</i>	6"	Single Stem	Fire Killed	Poor	Removed	
482	Valley Oak	<i>Quercus lobata</i>	12"	Single Stem	Fair	Good	Removed	
484	California Buckeye	<i>Aesculus californica</i>	5"	Single Stem	Poor	Poor	Removed	
485	Valley Oak	<i>Quercus lobata</i>	21	Single Stem	Fair	Fair	Alive - To Be Removed	
485.1	California Bay	<i>Umbellularia californica</i>	5	Single Stem			Alive - To Be Removed	
486	California Buckeye	<i>Aesculus californica</i>	6	Single Stem	Poor	Poor	Alive - To Be Removed	
487	Valley Oak	<i>Quercus lobata</i>	14"	Single Stem	Fair	Good	Removed	
488	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Possibly Fire Killed	Fair	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
489	California Bay	<i>Umbellularia californica</i>	17	Multiple Stems	Poor	Poor	Alive - To Be Removed	Cavity, Deadwood, Epicormic shoots
490	California Buckeye	<i>Aesculus californica</i>	5	Single Stem	Dead		Dead - To Be Removed	
491	Valley Oak	<i>Quercus lobata</i>	5	Single Stem	Poor	Good	Alive - To Be Removed	Deadwood
492	Valley Oak	<i>Quercus lobata</i>	6	Single Stem	Poor	Good	Alive - To Be Removed	Deadwood
494	Coast Live Oak	<i>Quercus agrifolia</i>	9" @ 3.5'	Single Stem	Fire Killed	Good	Removed	
495	California Bay	<i>Umbellularia californica</i>	18	Multiple Stems	Poor	Poor	Alive - To Be Removed	Broken Limb, Co-dominant Limbs, Deadwood, Epicormic shoots, Weak attachments
496	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Poor	Poor	Alive - To Be Removed	Co-dominant Limbs, Deadwood, Epicormic shoots, Included Bark
497	Coast Live Oak	<i>Quercus agrifolia</i>	9	Multiple Stems	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
498	Coast Live Oak	<i>Quercus agrifolia</i>	6	Single Stem	Poor		Alive - To Be Removed	Deadwood, Epicormic shoots
499	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Poor	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
500	Valley Oak	<i>Quercus lobata</i>	13	Single Stem	Fair	Fair	Alive - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
501	Valley Oak	<i>Quercus lobata</i>	9	Single Stem	Fair	Fair	Alive - To Be Removed	
502	Black Oak	<i>Quercus kelloggii</i>	20	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
503	Valley Oak	<i>Quercus lobata</i>		Single Stem	Dead		Dead	
504	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, Weak attachments
504.1	California Bay	<i>Umbellularia californica</i>	6	Single Stem	Dead		Dead	Stump sprouting
505	Coast Live Oak	<i>Quercus agrifolia</i>	27	Multiple Stems	Good	Fair	Alive - To be Preserved	Cavity, Deadwood, Epicormic shoots, Weak attachments
505.1	California Bay	<i>Umbellularia californica</i>	4	Single Stem	Dead		Dead	
506	Valley Oak	<i>Quercus lobata</i>	18	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
507	Black Oak	<i>Quercus kelloggii</i>	12	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
508	Valley Oak	<i>Quercus lobata</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
509	Black Oak	<i>Quercus kelloggii</i>	18	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
510	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
511	Coast Live Oak	<i>Quercus agrifolia</i>	19	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
512	Coast Live Oak	<i>Quercus agrifolia</i>	19	Multiple Stems	Fair	Fair	Alive - To be Preserved	Cavity, Deadwood, Epicormic shoots
513	Coast Live Oak	<i>Quercus agrifolia</i>	31	Single Stem	Fair	Fair	Alive - To be Preserved	Cavity, Deadwood
514	Valley Oak	<i>Quercus lobata</i>	8	Single Stem	Dead		Dead	
515	Coast Live Oak	<i>Quercus agrifolia</i>	22	Single Stem	Fair	Fair	Alive - To be Preserved	Cavity, Deadwood, Epicormic shoots
515.1	California Bay	<i>Umbellularia californica</i>	11	Multiple Stems	Dead		Dead	Stump sprouting
515.2	California Bay	<i>Umbellularia californica</i>	5	Single Stem	Dead		Dead	Stump sprouting
516	Black Oak	<i>Quercus kelloggii</i>	13	Single Stem	Dead		Dead	
517	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
518	Valley Oak	<i>Quercus lobata</i>	8	Single Stem	Dead		Dead	
519	Valley Oak	<i>Quercus lobata</i>	12	Single Stem	Poor	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
520	Coast Live Oak	<i>Quercus agrifolia</i>	9	Multiple Stems	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
521	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Poor	Good	Alive - To be Preserved	Deadwood, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
522	Coast Live Oak	<i>Quercus agrifolia</i>	10	Multiple Stems	Fair	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
523	California Buckeye	<i>Aesculus californica</i>	6"	Single Stem	Fire Killed	Good	Removed	
524	California Bay	<i>Umbellularia californica</i>	8"/5"	Multiple Stems	Fire Killed	Poor	Removed	
525	Coast Live Oak	<i>Quercus agrifolia</i>	13" @ 3'	Single Stem	Fire Killed	Good	Removed	
526	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Fire Killed	Good	Removed	
527	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Fire Killed	Fair	Removed	
529	Coast Live Oak	<i>Quercus agrifolia</i>	7/14"	Multiple Stems	Fair	Good	Removed	
530	California Bay	<i>Umbellularia californica</i>	4/4/6/6"	Multiple Stems	Good	Good	Removed	
531	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair	Fair	Removed	
532	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
533	Coast Live Oak	<i>Quercus agrifolia</i>	7/8"	Multiple Stems	Fire Killed	Good	Removed	
534	California Bay	<i>Umbellularia californica</i>	5/8"	Multiple Stems	Fire Killed	Poor; decay column	Removed	
535	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fire Killed	Fair	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
536	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
537	Coast Live Oak	<i>Quercus agrifolia</i>	10	Multiple Stems	Dead	Poor	Dead - To Be Removed	
538	Coast Live Oak	<i>Quercus agrifolia</i>	6	Single Stem	Dead	Fair	Dead - To Be Removed	
539	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Poor	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
540	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Dead	Poor	Dead - To Be Removed	
541	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead	Poor	Dead - To Be Removed	
542	California Bay	<i>Umbellularia californica</i>	14	Multiple Stems	Poor	Poor	Alive - To Be Removed	Broken Limb, Deadwood, Decay at base
543	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
543.1	Coast Live Oak	<i>Quercus agrifolia</i>	11	Multiple Stems	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
544	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
545	California Buckeye	<i>Aesculus californica</i>	9	Single Stem	Dead	Poor	Dead - To Be Removed	
546	Coast Live Oak	<i>Quercus agrifolia</i>	12	Multiple Stems	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
547	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Poor	Alive - To Be Removed	Broken Limb, Deadwood, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
548	Coast Live Oak	<i>Quercus agrifolia</i>	5	Single Stem	Dead	Poor	Dead - To Be Removed	
549	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Poor	Poor	Alive - To Be Removed	Broken Limb, Deadwood, Epicormic shoots
550	Coast Live Oak	<i>Quercus agrifolia</i>	21	Multiple Stems	Fair	Poor	Alive - To Be Removed	Huge burn cavity in crotch, Deadwood, Epicormic shoots
551	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Fair	Alive - To Be Removed	
552	Coast Live Oak	<i>Quercus agrifolia</i>	13	Multiple Stems	Poor	Fair	Alive - To Be Removed	
553	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Fair	Alive - To Be Removed	
554	California Buckeye	<i>Aesculus californica</i>	11	Multiple Stems	Dead		Dead - To Be Removed	Stump sprouting
555	Valley Oak	<i>Quercus lobata</i>	28	Multiple Stems	Dead	Poor	Dead - To Be Removed	
556	California Buckeye	<i>Aesculus californica</i>	10	Multiple Stems	Dead		Dead - To Be Removed	
557	California Bay	<i>Umbellularia californica</i>	9	Single Stem	Dead	Poor	Dead - To Be Removed	Stump sprouting
558	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, stump sprouting
559	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Dead		Dead	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations-Characteristics
560	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Poor	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
561	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Poor	Alive - To be Preserved	Cavity, Deadwood, Epicormic shoots
561.1	California Bay	<i>Umbellularia californica</i>	5	Single Stem			Dead	Stump sprouting
562	California Bay	<i>Umbellularia californica</i>	15	Multiple Stems	Dead		Dead	Stump sprouting
563	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
564	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Fair	Fair	Alive - To be Preserved	Broken Limb, Deadwood, Epicormic shoots
565	Valley Oak	<i>Quercus lobata</i>	14	Single Stem	Poor	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
566	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
567	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	Fire kill
568	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	
569	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
570	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Dead	Fire killed and collapsed
570.1	California Bay	<i>Umbellularia californica</i>	5	Single Stem	Dead		Dead	Stump sprouting

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
571	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, stump sprouting
572	Coast Live Oak	<i>Quercus agrifolia</i>	6	Single Stem	Dead	Poor	Dead - To Be Removed	
573	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Dead		Dead	
574	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, very little new growth
575	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
576	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
577	Black Oak	<i>Quercus kelloggii</i>	15	Single Stem	Dead		Dead	
578	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots
579	Valley Oak	<i>Quercus lobata</i>	15	Single Stem	Dead		Dead	
580	Coast Live Oak	<i>Quercus agrifolia</i>	13	Multiple Stems	Poor	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
581	Coast Live Oak	<i>Quercus agrifolia</i>	30	Multiple Stems	Good	Fair	Alive - To be Preserved	Cavity, Deadwood
582	Coast Live Oak	<i>Quercus agrifolia</i>	17	Multiple Stems	Dead		Dead	Fallen into neighboring tree
583	Coast Live Oak	<i>Quercus agrifolia</i>	17	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
584	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Fire kill, mostly gone
585	Coast Live Oak	<i>Quercus agrifolia</i>	22	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
586	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood
587	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
588	Valley Oak	<i>Quercus lobata</i>	11	Single Stem	Good	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
588.1	California Bay	<i>Umbellularia californica</i>	7	Multiple Stems	Dead		Dead	Stump sprouting
589	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Fair	Fair	Alive - To be Preserved	Crack, Deadwood, Epicormic shoots, peeling bark from fire
589.1	California Bay	<i>Umbellularia californica</i>	6	Single Stem	Dead		Dead	Stump sprouting
590	Coast Live Oak	<i>Quercus agrifolia</i>	23	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, peeling bark at burnt base
591	Coast Live Oak	<i>Quercus agrifolia</i>	23	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
592	Valley Oak	<i>Quercus lobata</i>		Single Stem	Dead		Dead	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
592.1	California Bay	<i>Umbellularia californica</i>	11	Multiple Stems	Poor	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, Weak attachments, Stump sprouting, lots of new growth after fire
593	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood
594	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood
595	Coast Live Oak	<i>Quercus agrifolia</i>	14	Multiple Stems	Poor	Poor	Alive - To be Preserved	Included Bark
596	Coast Live Oak	<i>Quercus agrifolia</i>	9"/8"		Fair	Fair	Outside Development Area	
597	Coast Live Oak	<i>Quercus agrifolia</i>	17	Multiple Stems	Poor	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
598	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, Suppressed Tree
599	California Bay	<i>Umbellularia californica</i>		Multiple Stems	Dead		Dead - To Be Removed	
600	Coast Live Oak	<i>Quercus agrifolia</i>	3	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Suppressed Tree, Trunk Leaning (S)
601	California Bay	<i>Umbellularia californica</i>	13	Multiple Stems	Dead		Dead - To Be Removed	Stump sprouting

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
602	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Fair	Alive - To Be Removed	
603	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Poor	Poor	Alive - To Be Removed	Cavity, Deadwood
604	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	Stump sprout
605	Black Oak	<i>Quercus kelloggii</i>	11	Single Stem	Poor	Fair	Alive - To Be Removed	
606	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Fair	Alive - To Be Removed	
606.1	California Bay	<i>Umbellularia californica</i>	4	Single Stem	Dead		Dead - To Be Removed	Stump sprouts
607	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Poor	Fair	Alive - To Be Removed	
608	Coast Live Oak	<i>Quercus agrifolia</i>	11"	Single Stem	Fire Killed	Fair	Removed	
609	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Poor	Poor	Alive - To Be Removed	
609.1	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Fair	Alive - To Be Removed	
609.2	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
609.3	California Bay	<i>Umbellularia californica</i>	6/9"	Multiple Stems	Good	Poor	Removed	
609.4	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fair	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
609.5	Valley Oak	<i>Quercus lobata</i>	10	Single Stem	Dead		Dead - To Be Removed	
609.6	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	Stump sprouting
609.7	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	Fallen over
609.8	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	Fallen over
609.9	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	Stump sprouts
610	Coast Live Oak	<i>Quercus agrifolia</i>	7"	Single Stem	Fair	Fair	Removed	
611	California Bay	<i>Umbellularia californica</i>	9"	Single Stem	Fire Killed	Fair	Removed	
612	California Bay	<i>Umbellularia californica</i>	14"	Single Stem	Fire Killed	Fair; decay	Removed	
613	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Good	Removed	
614	Coast Live Oak	<i>Quercus agrifolia</i>	11"	Single Stem	Good	Good	Removed	
615	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Good	Good; trunk leans south/east	Removed	
616	Coast Live Oak	<i>Quercus agrifolia</i>	5"	Single Stem	Poor	Poor	Removed	
617	California Bay	<i>Umbellularia californica</i>	9"	Single Stem	Fire Killed	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
618	California Bay	<i>Umbellularia californica</i>	13"	Single Stem	Fire Killed	Fair	Removed	
619	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Fire Killed	Good	Removed	
620	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Fire Killed	Fair	Removed	
621	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fire Killed	Good	Removed	
622	Coast Live Oak	<i>Quercus agrifolia</i>	9/12"	Multiple Stems	Fire Killed	Good	Removed	
623	California Bay	<i>Umbellularia californica</i>	12"	Single Stem	Fire Killed	Fair	Removed	
624	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fair	Fair; a failed stem	Removed	
625	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Good	Good	Removed	
626	Coast Live Oak	<i>Quercus agrifolia</i>	8"	Single Stem	Good	Fair; trunk leans south/east	Removed	
627	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fair	Fair; trunk leans east	Removed	
628	Coast Live Oak	<i>Quercus agrifolia</i>	7"	Single Stem	Fair	Fair; trunk leans east	Removed	
629	Valley Oak	<i>Quercus lobata</i>	22"	Single Stem	Fair/Good	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
630	Coast Live Oak	<i>Quercus agrifolia</i>	18"	Single Stem	Fire Killed	Good; trunk leans south/east	Removed	
631	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Good	Good	Removed	
632	Coast Live Oak	<i>Quercus agrifolia</i>	20"	Single Stem	Excellent	Excellent	Removed	
633	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Good	Good	Removed	
634	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Good	Good	Removed	
635	Coast Live Oak	<i>Quercus agrifolia</i>	15"	Single Stem	Good	Good	Removed	
636	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Good/Excellent	Excellent; high branching	Removed	
637	Coast Live Oak	<i>Quercus agrifolia</i>	18"	Single Stem	Good	Excellent	Removed	
638	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Good	Removed	
639	Black Oak	<i>Quercus kelloggii</i>	16"	Single Stem	Good	Excellent	Removed	
640	California Bay	<i>Umbellularia californica</i>	15"	Single Stem	Good	Good	Removed	
642	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Fair	Removed	
643	California Bay	<i>Umbellularia californica</i>	17"	Single Stem	Good	Fair; decay	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
644	Coast Live Oak	<i>Quercus agrifolia</i>	21"	Single Stem	Good	Good	Removed	
645	Coast Live Oak	<i>Quercus agrifolia</i>	11"	Single Stem	Good	Good; trunk leans east to south/east	Removed	
646	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Poor	Removed	
647	Black Oak	<i>Quercus kelloggii</i>	16"	Single Stem	Good	Fair	Removed	
648	California Bay	<i>Umbellularia californica</i>	11"	Single Stem	Possibly Fire Killed	Poor	Removed	
649	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Fair	Fair	Removed	
650	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Good	Good	Removed	
651	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Good	Good	Removed	
652	Coast Live Oak	<i>Quercus agrifolia</i>	14"	Single Stem	Fair	Poor; upper crown deteriorating, hazardous	Removed	
653	Coast Live Oak	<i>Quercus agrifolia</i>	13"	Single Stem	Fire Killed	Fair	Removed	
653.1	California Bay	<i>Umbellularia californica</i>	6/6"	Multiple Stems	Fire Killed	Fair/Good; codominant leaders	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
654	Coast Live Oak	<i>Quercus agrifolia</i>	13" @ 3.5'	Single Stem	Fire Killed	Fair	Removed	
656	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Fire Killed	Fair; trunk leans east	Removed	
657	Coast Live Oak	<i>Quercus agrifolia</i>	9"	Single Stem	Fire Killed	Fair; trunk leans east	Removed	
658	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Fire Killed	Fair	Removed	
659	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fire Killed	Fair	Removed	
660	California Bay	<i>Umbellularia californica</i>	5"/6"	Multiple Stems	Fire Killed	Good	Removed	
661	California Bay	<i>Umbellularia californica</i>	4/5/5/ 5/6"	Multiple Stems	Excellent	Good	Removed	
662	Coast Live Oak	<i>Quercus agrifolia</i>	18"	Single Stem	Fair	Poor	Removed	
663	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Good	Good	Removed	
664	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fair	Fair	Removed	
665	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Excellent	Good	Removed	
666	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
667	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Fair	Alive - To Be Removed	Broken Limb, Deadwood, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
668	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
671	California Bay	<i>Umbellularia californica</i>	15	Single Stem	Fair	Poor	Alive - To Be Removed	Cavity, Deadwood, Epicormic shoots
672	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
673	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood
674	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
675	California Bay	<i>Umbellularia californica</i>	16	Multiple Stems	Fair	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
676	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
678	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Fair	Poor	Removed	
679	Coast Live Oak	<i>Quercus agrifolia</i>	16"	Single Stem	Possibly Fire Killed	Good	Removed	
680	California Bay	<i>Umbellularia californica</i>	4/4/5/8"	Multiple Stems	Fire Killed	Good	Removed	
681	California Buckeye	<i>Aesculus californica</i>	5"	Single Stem	Fair	Fair	Removed	
682	Coast Live Oak	<i>Quercus agrifolia</i>	11"	Single Stem	Possibly Fire Killed	Fair	Removed	
683	Black Oak	<i>Quercus kelloggii</i>		Single Stem	Dead		Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
684	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
685	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
686	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
687	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
688	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
689	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
689.1	California Buckeye	<i>Aesculus californica</i>		Single Stem	Dead		Removed	
690	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Poor	Alive - To Be Removed	Broken Limb, Deadwood, Decay, Epicormic shoots
691	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Dead		Dead - To Be Removed	
691.1	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Good	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
692	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Good	Alive - To Be Removed	Deadwood, Epicormic shoots
693	Coast Live Oak	<i>Quercus agrifolia</i>	10	Multiple Stems	Poor	Poor	Alive - To Be Removed	Deadwood, mostly dead foliage
694	California Bay	<i>Umbellularia californica</i>	9	Multiple Stems	Fair	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
695	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
696	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	Deadwood, sparse foliage
697	California Bay	<i>Umbellularia californica</i>	10	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
698	Coast Live Oak	<i>Quercus agrifolia</i>	18	Multiple Stems	Fair	Good	Alive - To Be Removed	Epicormic shoots
699	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Poor	Poor	Alive - To Be Removed	Cavity, Deadwood, Epicormic shoots
700	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
701	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Fair	Fair	Alive - To Be Removed	Co-dominant tree, Deadwood, Epicormic shoots, Vine growth
702	California Buckeye	<i>Aesculus californica</i>	5	Single Stem	Dead		Dead - To Be Removed	Stump sprout
702.1	California Bay	<i>Umbellularia californica</i>	5	Single Stem	Dead		Dead - To Be Removed	Stump sprouts
703	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots, Supressed Tree
704	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
705	California Buckeye	<i>Aesculus californica</i>		Single Stem			Dead - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
706	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood
707	California Bay	<i>Umbellularia californica</i>	11	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
709	Coast Live Oak	<i>Quercus agrifolia</i>	26	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
709.1	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
709.2	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood
711	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Poor	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
712	Black Oak	<i>Quercus kelloggii</i>	7	Single Stem	Fair	Good	Alive - To Be Removed	Deadwood
713	California Bay	<i>Umbellularia californica</i>	12	Multiple Stems	Good	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots
714	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Fair	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
715	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Poor	Poor	Alive - To Be Removed	Deadwood, Epicormic shoots, Supressed Tree
716	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Poor	Poor	Alive - To Be Removed	Broken Limb, Cavity, Deadwood, Decay, Epicormic shoots
717	Coast Live Oak	<i>Quercus agrifolia</i>	23	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
719	California Bay	<i>Umbellularia californica</i>	6	Single Stem	Good	Poor	Alive - To Be Removed	Cavity, Deadwood, Epicormic shoots
720	California Bay	<i>Umbellularia californica</i>	13	Multiple Stems	Fair	Poor	Alive - To Be Removed	Cavity, Deadwood, Epicormic shoots
721	Coast Live Oak	<i>Quercus agrifolia</i>	14	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood, Epicormic shoots
722	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To be Preserved	Broken Limb, Deadwood, Decay, Epicormic shoots
723	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, Supressed Tree
724	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Removed	
725	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood
727	Coast Live Oak	<i>Quercus agrifolia</i>	16	Single Stem	Good	Good	Alive - To be Preserved	Crack, Deadwood
728	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
728	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Good	Fair	Outside Development Area	
729	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
731	Coast Live Oak	<i>Quercus agrifolia</i>	22	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood, Included Bark
732	Coast Live Oak	<i>Quercus agrifolia</i>	22	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
733	Coast Live Oak	<i>Quercus agrifolia</i>	23	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood, Included Bark
734	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
735	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Removed	
736	Coast Live Oak	<i>Quercus agrifolia</i>	6	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, very little live growth
738	California Bay	<i>Umbellularia californica</i>	11	Multiple Stems			Removed	
739	Black Oak	<i>Quercus kelloggii</i>	8	Single Stem	Fair	Fair	Alive - To be Preserved	Broken Limb, Deadwood
740	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Fair	Alive - To be Preserved	Trunk Leaning (E)
740.1	California Buckeye	<i>Aesculus californica</i>	7	Multiple Stems	Fair	Good	Alive - To be Preserved	Dormant
741	Coast Live Oak	<i>Quercus agrifolia</i>	12/13/15/16"	Multiple Stems			Dead	
742	Coast Live Oak	<i>Quercus agrifolia</i>	22	Single Stem	Good	Good	Alive - To Be Removed	Deadwood, Epicormic shoots
743	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Good	Poor	Alive - To be Preserved	Deadwood, Included Bark, Weak attachments
744	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots, Weak attachments

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
745	Valley Oak	<i>Quercus lobata</i>	22	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
746	Black Oak	<i>Quercus kelloggii</i>	19	Multiple Stems	Good	Good	Alive - To be Preserved	Deadwood, Decay at base
747	Black Oak	<i>Quercus kelloggii</i>	14	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood
748	Black Oak	<i>Quercus kelloggii</i>	20	Single Stem	Fair	Fair	Alive - To Be Removed	Broken Limb, Deadwood
749	Coast Live Oak	<i>Quercus agrifolia</i>	11	Multiple Stems	Good	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
750	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Dead		Removed	
751	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Dead		Removed	
752	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Dead		Removed	
753	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
754	Coast Live Oak	<i>Quercus agrifolia</i>	13	Multiple Stems	Poor	Poor	Alive - To Be Removed	Broken Limb, Crack, Deadwood, Epicormic shoots
755	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To Be Removed	Deadwood
756	California Bay	<i>Umbellularia californica</i>	15	Multiple Stems	Fair	Poor	Alive - To Be Removed	Cavity, Deadwood, Decay at base, Epicormic shoots, Weak attachments

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
757	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Fair	Alive - To Be Removed	Cavity, Co-dominant Limbs, Deadwood, Decay, Epicormic shoots
757.1	Coast Live Oak	<i>Quercus agrifolia</i>	21	Multiple Stems	Good	Good	Alive - To Be Removed	Broken Limb, Deadwood
757.2	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Fair	Alive - To Be Removed	Deadwood
758	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Poor	Alive - To Be Removed	Cavity, Co-dominant Limbs, Deadwood, Epicormic shoots, Included Bark
759	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem		Fair	Alive - To Be Removed	Deadwood, Epicormic shoots, Suppressed Tree
760	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots, Suppressed Tree
761	Coast Live Oak	<i>Quercus agrifolia</i>	16	Multiple Stems	Fair	Fair	Alive - To Be Removed	Deadwood, Epicormic shoots
762	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Good	Alive - To Be Removed	Deadwood, Epicormic shoots
762.1	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Good	Alive - To Be Removed	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
763	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Fair	Poor	Alive - To Be Removed	Deadwood, Supressed Tree
764	Coast Live Oak	<i>Quercus agrifolia</i>	19	Multiple Stems	Good	Good	Alive - To Be Removed	Deadwood
766	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Fair	Poor	Alive - To Be Removed	Broken Limb, Cavity, Deadwood, Supressed Tree
767	Black Oak	<i>Quercus kelloggii</i>	10	Single Stem	Poor	Poor	Alive - To Be Removed	Broken Limb, Deadwood
768	Coast Live Oak	<i>Quercus agrifolia</i>	13	Multiple Stems	Fair	Poor	Alive - To Be Removed	Broken Limb, Co-dominant Limbs, Crack, Epicormic shoots
769	Coast Live Oak	<i>Quercus agrifolia</i>	17	Multiple Stems	Fair	Fair	Alive - To be Preserved	Broken Limb, Deadwood, Vine growth, lots of poison oak
770	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood
771	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Supressed Tree
772	Black Oak	<i>Quercus kelloggii</i>	12	Single Stem	Good	Good	Alive - To be Preserved	Deadwood, Supressed Tree
773	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
774	Coast Live Oak	<i>Quercus agrifolia</i>	30	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, thin canopy, Decay

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
775	California Bay	<i>Umbellularia californica</i>	14	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, lots of new growth, Epicormic shoots
776	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem			Removed	Tree missing
777	Black Oak	<i>Quercus kelloggii</i>		Single Stem			Removed	Tree missing
778	Coast Live Oak	<i>Quercus agrifolia</i>	9	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Supressed Tree, Large dead branch tangled in it from neighboring tree
779	California Bay	<i>Umbellularia californica</i>	12	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
780	California Bay	<i>Umbellularia californica</i>	16	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
781	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem			Removed	Tree missing
782	Coast Live Oak	<i>Quercus agrifolia</i>	20	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood
783	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Fair	Fair	Alive - To Be Removed	Broken Limb, Deadwood, Decay
783.1	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Fair	Alive - To Be Removed	Broken Limb
784	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Good	Alive - To Be Removed	Deadwood
785	Coast Live Oak	<i>Quercus agrifolia</i>	17	Single Stem	Good	Good	Alive - To Be Removed	Deadwood

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
786	Coast Live Oak	<i>Quercus agrifolia</i>	24	Multiple Stems	Good	Fair	Alive - To Be Removed	Cavity
787	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To Be Removed	Epicormic shoots
788	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem			Dead - To Be Removed	
789	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem			Dead - To Be Removed	
791	Coast Live Oak	<i>Quercus agrifolia</i>	20	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood
792	Valley Oak	<i>Quercus lobata</i>	21	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Included Bark
793	Valley Oak	<i>Quercus lobata</i>	17	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood
794	Coast Live Oak	<i>Quercus agrifolia</i>	13	Single Stem	Good	Fair	Alive - To Be Removed	Deadwood
795	Coast Live Oak	<i>Quercus agrifolia</i>	9	Multiple Stems	Good	Fair	Alive - To Be Removed	Broken Limb, Deadwood, Weak attachments
796	Coast Live Oak	<i>Quercus agrifolia</i>	27	Single Stem	Good	Good	Alive - To Be Removed	Deadwood, Weak attachments
797	Coast Live Oak	<i>Quercus agrifolia</i>	12"	Single Stem	Good	Good	Removed	
798	Black Oak	<i>Quercus kelloggii</i>	16"	Single Stem	Good	Excellent	Removed	
799	Coast Live Oak	<i>Quercus agrifolia</i>	13"/13"	Multiple Stems	Fair	Fair	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
800	Coast Live Oak	<i>Quercus agrifolia</i>	5/10/14/17"	Multiple Stems	Good	Fair/Good	Removed	
801	Coast Live Oak	<i>Quercus agrifolia</i>	17"	Single Stem	Excellent	Good	Removed	
802	Coast Live Oak	<i>Quercus agrifolia</i>	31	Multiple Stems	Good	Fair	Alive - To be Preserved	Deadwood, Decay at base
816	California Bay	<i>Umbellularia californica</i>	11	Single Stem	Fair	Poor	Alive - To be Preserved	Broken Limb, Deadwood, Decay at base, Epicormic shoots
817	Coast Live Oak	<i>Quercus agrifolia</i>	13"/15"	Multiple Stems	Good	Good	Outside Development Area	
818	Coast Live Oak	<i>Quercus agrifolia</i>	23	Single Stem			Dead	
819	Coast Live Oak	<i>Quercus agrifolia</i>	14	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
820	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Tree missing
821	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
822	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Alive - To be Preserved	
823	California Bay	<i>Umbellularia californica</i>	18	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Epicormic shoots
823.1	Coast Live Oak	<i>Quercus agrifolia</i>	10	Multiple Stems	Poor	Fair	Alive - To be Preserved	Deadwood, Suppressed Tree

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
824	Coast Live Oak	<i>Quercus agrifolia</i>	0	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
824.1	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Fair	Good	Alive - To be Preserved	Deadwood
825	Coast Live Oak	<i>Quercus agrifolia</i>		Single Stem	Dead		Dead	Tree missing
826	Coast Live Oak	<i>Quercus agrifolia</i>	11	Single Stem	Good	Good	Alive - To be Preserved	Co-dominant Limbs, Deadwood
827	Coast Live Oak	<i>Quercus agrifolia</i>	12	Multiple Stems	Fair	Fair	Alive - To be Preserved	Deadwood, Suppressed Tree
828	California Bay	<i>Umbellularia californica</i>	13	Multiple Stems	Good	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots
900	Coast Live Oak	<i>Quercus agrifolia</i>	8	Single Stem	Poor	Poor	Alive - To be Preserved	Deadwood, Suppressed Tree
900.1	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Good	Fair	Alive - To be Preserved	Deadwood, Suppressed Tree
900.2	Coast Live Oak	<i>Quercus agrifolia</i>	7	Single Stem	Fair	Fair	Alive - To be Preserved	Deadwood, Suppressed Tree
901	California Bay	<i>Umbellularia californica</i>	5/9" @ 2'	Multiple Stems	Good	Fair	Removed	
902	California Bay	<i>Umbellularia californica</i>	4/4/7"	Multiple Stems	Fire Killed	Good	Removed	
903	Coast Live Oak	<i>Quercus agrifolia</i>	10"	Single Stem	Excellent	Good	Removed	
904	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fair	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

Tree Id	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
905	Coast Live Oak	<i>Quercus agrifolia</i>	15	Single Stem	Good	Good	Alive - To Be Removed	Deadwood
906	California Bay	<i>Umbellularia californica</i>	6" (+ small stems)	Multiple Stems	Good	Fair; multiple trunks	Removed	
907	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Fire Killed	Good	Removed	
908	California Bay	<i>Umbellularia californica</i>	4/4" (+ small stems)	Multiple Stems	Fire Killed	Good	Removed	
909	California Bay	<i>Umbellularia californica</i>	6"	Single Stem	Fire Killed	Good	Removed	
910	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Excellent	Excellent	Removed	
911	California Bay	<i>Umbellularia californica</i>	5" (+ small stems)	Multiple Stems	Fire Killed	Fair; multiple trunks	Removed	
912	California Bay	<i>Umbellularia californica</i>	4/5/5"	Multiple Stems	Fair	Fair; multiple trunks	Removed	
913	California Bay	<i>Umbellularia californica</i>	5	Single Stem	Fair	Poor	Alive - To be Preserved	Deadwood, Epicormic shoots, Supressed Tree
914	California Bay	<i>Umbellularia californica</i>	4/4"	Multiple Stems	Good	Good	Removed	
915	California Bay	<i>Umbellularia californica</i>	12	Multiple Stems	Good	Fair	Alive - To be Preserved	Cavity, Epicormic shoots

Emerald Isle Tree Survey

Combined Surveys - All Trees

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
916	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Multiple Stems	Fire Killed	Fair; multiple trunks	Removed	
917	California Bay	<i>Umbellularia californica</i>	4/5" (+ small stems)	Multiple Stems	Fire Killed	Fair; multiple trunks	Removed	
918	California Bay	<i>Umbellularia californica</i>	4/5" (+ small stems)	Multiple Stems	Fire Killed	Fair/Good; multiple trunks	Removed	
919	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Excellent	Excellent	Removed	
920	California Bay	<i>Umbellularia californica</i>	5	Single Stem	Fire Killed	Good	Removed	
921	California Bay	<i>Umbellularia californica</i>	4/5/5"	Multiple Stems	Excellent	Excellent	Removed	
922	California Bay	<i>Umbellularia californica</i>	5/6"	Multiple Stems	Fire Killed	Good	Removed	
923	California Bay	<i>Umbellularia californica</i>	10	Multiple Stems	Fair	Poor	Alive - To Be Removed	
924	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Fire Killed	Good	Removed	
925	California Bay	<i>Umbellularia californica</i>	5	Single Stem	Dead		Dead - To Be Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
926	Coast Live Oak	<i>Quercus agrifolia</i>	12	Single Stem	Dead		Dead - To Be Removed	
927	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Good	Good; multiple trunks	Removed	
928	California Bay	<i>Umbellularia californica</i>	6"	Single Stem	Excellent	Good; damaged	Removed	
929	Coast Live Oak	<i>Quercus agrifolia</i>	10	Single Stem	Good	Good	Alive - To be Preserved	Deadwood
930	California Bay	<i>Umbellularia californica</i>	10	Multiple Stems	Poor	Poor	Alive - To be Preserved	Cavity, Deadwood, Epicormic shoots
931	California Bay	<i>Umbellularia californica</i>	4/6/6"	Multiple Stems	Good	Good	Removed	
932	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Multiple Stems	Poor	Good	Removed	
933	Coast Live Oak	<i>Quercus agrifolia</i>	6	Single Stem	Fair	Good	Alive - To Be Removed	
934	California Bay	<i>Umbellularia californica</i>	4	Single Stem	Dead		Dead - To Be Removed	
935	Olive	<i>Olea europaea</i>	5	Single Stem	Poor	Fair	Alive - To Be Removed	
936	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Fire Killed	Good	Removed	
937	California Bay	<i>Umbellularia californica</i>	4/5"	Multiple Stems	Fire Killed	Good	Removed	
938	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
939	California Buckeye	<i>Aesculus californica</i>	6"	Single Stem	Fire Killed	Poor	Removed	
941	California Buckeye	<i>Aesculus californica</i>	4/5"	Multiple Stems	Fair	Good	Removed	
942	California Buckeye	<i>Aesculus californica</i>	5/5" @ 3'	Multiple Stems	Fire Killed	Good	Removed	
943	California Bay	<i>Umbellularia californica</i>	5/5"	Multiple Stems	Fire Killed	Good	Removed	
944	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Good	Fair/Good; multiple trunks	Removed	
945	Coast Live Oak	<i>Quercus agrifolia</i>	5" @ 3'	Single Stem	Fire Killed	Good	Removed	
946	California Buckeye	<i>Aesculus californica</i>	5" @ 3'	Single Stem	Good	Excellent	Removed	
947	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Fire Killed	Good	Removed	
948	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Fire Killed	Fair/Good; multiple trunks	Removed	
949	California Buckeye	<i>Aesculus californica</i>	7"	Single Stem	Good	Poor	Removed	
950	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Fire Killed	Good; multiple trunks	Removed	
951	Coast Live Oak	<i>Quercus agrifolia</i>	8"	Single Stem	Good	Good	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
952	Coast Live Oak	<i>Quercus agrifolia</i>	5"	Single Stem	Fair	Good	Removed	
953	Coast Live Oak	<i>Quercus agrifolia</i>	4"	Single Stem	Fire Killed	Fair; multiple trunks	Removed	
954	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Fire Killed	Excellent	Removed	
955	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Fire Killed	Good; multiple trunks	Removed	
956	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Fair	Fair	Removed	
957	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Good	Fair	Removed	
958	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Fair	Good	Removed	
959	California Bay	<i>Umbellularia californica</i>	5" (+ small stems)	Single Stem	Fair	Fair/Good; multiple trunks	Removed	
960	California Bay	<i>Umbellularia californica</i>	5" (+ small stems)	Single Stem	Fair	Fair/Good; multiple trunks	Removed	
961	California Bay	<i>Umbellularia californica</i>	5" (+ small stems)	Single Stem	Fire Killed	Fair/Good; multiple trunks	Removed	
962	Coast Live Oak	<i>Quercus agrifolia</i>	8"	Single Stem	Good	Excellent	Removed	

Emerald Isle Tree Survey

Combined Surveys - All Trees

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
963	California Bay	<i>Umbellularia californica</i>		Single Stem	Dead		Dead - To Be Removed	
964	California Bay	<i>Umbellularia californica</i>	5" (+ small stems)	Single Stem	Fire Killed	Fair/Good; multiple trunks	Removed	
965	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Fire Killed	Fair/Good; multiple trunks	Removed	
966	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Fire Killed	Fair/Good; multiple trunks	Removed	
967	Coast Live Oak	<i>Quercus agrifolia</i>	4/4/7/9/10"	Multiple Stems	Good	Good; damaged	Removed	
968	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Good	Good	Removed	
969	California Bay	<i>Umbellularia californica</i>	6"	Single Stem	Fair	Good	Removed	
970	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Good	Good	Removed	
971	California Bay	<i>Umbellularia californica</i>	4/4" (+ small stems)	Multiple Stems	Good	Good	Removed	
972	California Bay	<i>Umbellularia californica</i>	4/5" (+ small stems)	Multiple Stems	Good	Fair; multiple trunks	Removed	
973	California Bay	<i>Umbellularia californica</i>	5/5/6"	Multiple Stems	Fair	Fair; damaged	Removed	

Emerald Isle Tree Survey

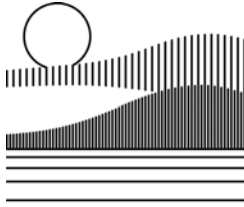
Combined Surveys - All Trees

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
974	Coast Live Oak	<i>Quercus agrifolia</i>	5"	Single Stem	Good	Good	Removed	
975	Coast Live Oak	<i>Quercus agrifolia</i>	6/9"	Multiple Stems	Fair	Good	Removed	
976	California Bay	<i>Umbellularia californica</i>	5"	Single Stem	Excellent	Good	Removed	
977	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Good	Fair	Removed	
978	California Bay	<i>Umbellularia californica</i>	6"	Single Stem	Excellent	Excellent	Removed	
979	California Bay	<i>Umbellularia californica</i>	4"	Single Stem	Good	Good	Removed	
980	California Bay	<i>Umbellularia californica</i>	4/4" (+ small stems)	Multiple Stems	Excellent	Good; multiple trunks	Removed	
981	California Bay	<i>Umbellularia californica</i>	4" (+ small stems)	Single Stem	Good	Good; multiple trunks	Removed	
982	Coast Live Oak	<i>Quercus agrifolia</i>	6"	Single Stem	Good	Good	Removed	
984	Buckeye/Aesculus californica		4	Single Stem	Fair	Fair; damaged	Removed	
985	California Bay	<i>Umbellularia californica</i>		Single Stem			Dead - To Be Removed	
986	California Bay	<i>Umbellularia californica</i>	10	Multiple Stems	Poor	Poor	Alive - To Be Removed	Epicormic shoots, stump sprouting

	Common Name	Latin Name	DBH	Number of Stems	Health	Structure	Status	Observations- Characteristics
987	California Bay	<i>Umbellularia californica</i>		Single Stem	.		Dead - To Be Removed	Stump sprouting

B.3 - Tree Removal Mitigation Summary and Calculations

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Landesign Group

LANDSCAPE ARCHITECTURE
MASTER PLANNING

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Sebastopol, CA 95472
(707) 829 - 2580

PETER A. WURTZ, RLA
CA # 2166

2/25/2019

Emerald Isle Senior Condominiums

Gullane Drive, Santa Rosa, CA
APN 173-67-016

TREE REMOVAL MITIGATION REPORT

Total Trees (Removed or to be Removed) Requiring Mitigation - Per BRCE Tree Protection Plan	404
Total Trunk Diameter of Trees Requiring Mitigation	5238 inches
Total 15 gal. Replacement Trees Required	1746

Replacement Trees Calculation (1746 – 15 gal. Size or Equivalent)

Planning Director Approved Mitigation Factor

Equivalent mitigation for tree planting in larger sizes to be:

(3) 15 gal. trees = (1) 24" box size tree

(7) 15 gal. trees = (1) 36" box size tree

Proposed Replacement Trees on Site:

(250) 36" box trees = (1746) 15 gal. trees / 7

Replacement Tree Planting Schedule: 917-138

All Mitigation trees to be planted at time of overall project construction.

See Attached Tree Replacement Mitigation Calculations

OSL COMMUNITIES, LLC

City of Santa Rosa, CA

Emerald Isle**TREE REPLACEMENT MITIGATION CALCULATION**

APN 173-670-016

Per Chapter 17-24 existing trees over 4" in girth to be removed shall be replaced by (2) 15 gal. min. size trees for each 6 inches, or fraction thereof, of the diameter of the tree to be removed. Per 17-24-0.050(c) the same genus and species as the removed tree (or another species, if approved by the Director) shall be used.

For all of the multi trunk trees, total diameter is calculated by adding the multiple trunk areas together.
(Per the Council of Tree & Landscape Appraisers Guide)

EXISTING TREES TO BE REMOVED ARE AS FOLLOWS:

TREE	SPECIES	TRUNK DIAMETER (In.)
20	Black Oak/ <i>Quercus kelloggii</i>	15"
21	Black Oak/ <i>Quercus kelloggii</i>	18"
22	Black Oak/ <i>Quercus kelloggii</i>	14"
23	Black Oak/ <i>Quercus kelloggii</i>	14"
24	Black Oak/ <i>Quercus kelloggii</i>	17/16" (23")
24.1	California Bay/ <i>Umbellularia californica</i>	8"
25	Valley Oak/ <i>Quercus lobata</i>	17/13/9" (23")
38	Valley Oak/ <i>Quercus lobata</i>	23"
39	Coast Live Oak/ <i>Quercus agrifolia</i>	27"
114	Black Oak/ <i>Quercus kelloggii</i>	15"
114.5	Black Oak/ <i>Quercus kelloggii</i>	5/4" (6")
114.6	Coast Live Oak/ <i>Quercus agrifolia</i>	6/7" (9")
119	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
119.1	California Bay/ <i>Umbellularia californica</i>	6"
120	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
121	Coast Live Oak/ <i>Quercus agrifolia</i>	18"
121.4	Coast Live Oak/ <i>Quercus agrifolia</i>	7/10" (12")
124	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
125	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
127	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
128	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
130	Valley Oak/ <i>Quercus lobata</i>	12"
132	Coast Live Oak/ <i>Quercus agrifolia</i>	11/7" (13")
134	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
135	California Bay/ <i>Umbellularia californica</i>	15"
137	Black Oak/ <i>Quercus kelloggii</i>	22"
139	Black Oak/ <i>Quercus kelloggii</i>	21"
140	Black Oak/ <i>Quercus kelloggii</i>	12"
141	Black Oak/ <i>Quercus kelloggii</i>	18"
142	Black Oak/ <i>Quercus kelloggii</i>	37/16" (40")
145	Black Oak/ <i>Quercus kelloggii</i>	17"
146	Black Oak/ <i>Quercus kelloggii</i>	16"
147	Coast Live Oak/ <i>Quercus agrifolia</i>	16/15" (22")
148	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
149	Douglas Fir/ <i>Pseudotsuga menziesii</i>	35"
151	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
153	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
154	Black Oak/ <i>Quercus kelloggii</i>	15"
174	Black Oak/ <i>Quercus kelloggii</i>	18"
175	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
176	Valley Oak/ <i>Quercus lobata</i>	14"
181	Coast Live Oak/ <i>Quercus agrifolia</i>	24/19" (31")
182	California Bay/ <i>Umbellularia californica</i>	11/11" (16")
183	Black Oak/ <i>Quercus kelloggii</i>	20"
184	Black Oak/ <i>Quercus kelloggii</i>	11"
186	Coast Live Oak/ <i>Quercus agrifolia</i>	9/8" (12")
187	Black Oak/ <i>Quercus kelloggii</i>	11"
188	Coast Live Oak/ <i>Quercus agrifolia</i>	9/8" (12")
189	California Bay/ <i>Umbellularia californica</i>	14"
190	Black Oak/ <i>Quercus kelloggii</i>	8"
191	California Bay/ <i>Umbellularia californica</i>	16/15" (22")
192.1	Black Oak/ <i>Quercus kelloggii</i>	9"
193	Black Oak/ <i>Quercus kelloggii</i>	13"

TREE	SPECIES	TRUNK DIAMETER (In.)
193.2	Black Oak/ <i>Quercus kelloggii</i>	10"
194	Black Oak/ <i>Quercus kelloggii</i>	17/17" (24")
195.1	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
198	Black Oak/ <i>Quercus kelloggii</i>	16"
201	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
203	California Bay/ <i>Umbellularia californica</i>	11/10" (15")
204	California Bay/ <i>Umbellularia californica</i>	17"
205	Black Oak/ <i>Quercus kelloggii</i>	17"
208	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
209	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
210	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
211	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
212	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
213	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
214	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
218	California Bay/ <i>Umbellularia californica</i>	13"
219	Oregon Oak/ <i>Quercus garryana</i>	12"
220	Black Oak/ <i>Quercus kelloggii</i>	13"
221	California Bay/ <i>Umbellularia californica</i>	11/8" (14")
222	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
223	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
223.1	Coast Live Oak/ <i>Quercus agrifolia</i>	23"
224	Black Oak/ <i>Quercus kelloggii</i>	15"
225	California Bay/ <i>Umbellularia californica</i>	9"
226	Coast Live Oak/ <i>Quercus agrifolia</i>	25"
227	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
228	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
229	Valley Oak/ <i>Quercus lobata</i>	19"
231	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
234	Coast Live Oak/ <i>Quercus agrifolia</i>	23"
235	Coast Live Oak/ <i>Quercus agrifolia</i>	21"
236	California Bay/ <i>Umbellularia californica</i>	11"
237	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
239	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
241	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
243	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
244	Coast Live Oak/ <i>Quercus agrifolia</i>	16/13" (21")
247	Coast Live Oak/ <i>Quercus agrifolia</i>	26" @ 2'
249	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
250	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
251	Coast Live Oak/ <i>Quercus agrifolia</i>	14" @ 3'
256	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
257.1	Black Oak/ <i>Quercus kelloggii</i>	8"
258	Oregon Oak/ <i>Quercus garryana</i>	9/10" (13")
260	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
261	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
264	Black Oak/ <i>Quercus kelloggii</i>	14"
265	Coast Live Oak/ <i>Quercus agrifolia</i>	19"
267	Black Oak/ <i>Quercus kelloggii</i>	13"
268	Coast Live Oak/ <i>Quercus agrifolia</i>	18"
269	Black Oak/ <i>Quercus kelloggii</i>	19"
270	Black Locust/ <i>Robinia pseudoacacia</i>	8/9" (12")
271	Black Oak/ <i>Quercus kelloggii</i>	16"
272	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
273	Coast Live Oak/ <i>Quercus agrifolia</i>	17/11" (20")
274	Black Oak/ <i>Quercus kelloggii</i>	9"
275	Black Oak/ <i>Quercus kelloggii</i>	9"
276	Black Oak/ <i>Quercus kelloggii</i>	14"
277	Black Oak/ <i>Quercus kelloggii</i>	11"
278	Black Oak/ <i>Quercus kelloggii</i>	11"
279	Black Oak/ <i>Quercus kelloggii</i>	7"
280	Black Oak/ <i>Quercus kelloggii</i>	12"
281	Black Oak/ <i>Quercus kelloggii</i>	10"
281.1	Black Oak/ <i>Quercus kelloggii</i>	11"
282	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
283	Black Oak/ <i>Quercus kelloggii</i>	10"
283.1	Black Oak/ <i>Quercus kelloggii</i>	10"
283.2	California Bay/ <i>Umbellularia californica</i>	18"
284	California Bay/ <i>Umbellularia californica</i>	12"
285	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
286	California Bay/ <i>Umbellularia californica</i>	15/9/11" (21")
287	Black Oak/ <i>Quercus kelloggii</i>	15"

TREE	SPECIES	TRUNK DIAMETER (In.)
288	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
289	California Bay/ <i>Umbellularia californica</i>	9" @ 2.5'
297	Black Oak/ <i>Quercus kelloggii</i>	11"
298	Black Oak/ <i>Quercus kelloggii</i>	8/6" (10")
299	Black Oak/ <i>Quercus kelloggii</i>	9"
331	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
332	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
333	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
335	Coast Live Oak/ <i>Quercus agrifolia</i>	19"
340	Coast Live Oak/ <i>Quercus agrifolia</i>	21"
341	California Bay/ <i>Umbellularia californica</i>	7/5/5" (10")
342	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
343	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
346	California Bay/ <i>Umbellularia californica</i>	4/4/5/5/8" (13")
347	California Bay/ <i>Umbellularia californica</i>	4/5/5/6/6" (13")
348	California Bay/ <i>Umbellularia californica</i>	4/5/6" (9")
349	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
350	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
351	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
352	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
353	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
355	California Bay/ <i>Umbellularia californica</i>	5/19" (20")
356	California Bay/ <i>Umbellularia californica</i>	15"
357	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
358	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
359	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
360	Coast Live Oak/ <i>Quercus agrifolia</i>	19"
361	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
362	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
363	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
364	California Bay/ <i>Umbellularia californica</i>	15"/10"/7" (20")
365	Coast Live Oak/ <i>Quercus agrifolia</i>	23"
366	Valley Oak/ <i>Quercus lobata</i>	19"
368	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
369	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
370	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
372	California Bay/ <i>Umbellularia californica</i>	6"
373	California Bay/ <i>Umbellularia californica</i>	7"
374	California Bay/ <i>Umbellularia californica</i>	5"/4" (7")
375	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
376	California Bay/ <i>Umbellularia californica</i>	6/6/7" (11")
377	California Bay/ <i>Umbellularia californica</i>	5/6" (8")
378	California Bay/ <i>Umbellularia californica</i>	10"
379	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
380	Coast Live Oak/ <i>Quercus agrifolia</i>	4/5/11" (13")
381	California Bay/ <i>Umbellularia californica</i>	6/7" (10")
383	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
384	Coast Live Oak/ <i>Quercus agrifolia</i>	14/16" (21")
385	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
389	Black Oak/ <i>Quercus kelloggii</i>	13" @ 3'
392	Black Oak/ <i>Quercus kelloggii</i>	15"
393	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
394	California Bay/ <i>Umbellularia californica</i>	4/7/16" (18")
395	Coast Live Oak/ <i>Quercus agrifolia</i>	8/19" (21")
396	Coast Live Oak/ <i>Quercus agrifolia</i>	19" @ 3'
397	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
398	California Bay/ <i>Umbellularia californica</i>	12"
400	Coast Live Oak/ <i>Quercus agrifolia</i>	11" @ 4'
401	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
410	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
411	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
419	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
425	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
426	Black Oak/ <i>Quercus kelloggii</i>	14"
429	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
430	Coast Live Oak/ <i>Quercus agrifolia</i>	19"
431	Valley Oak/ <i>Quercus lobata</i>	13"
433	Coast Live Oak/ <i>Quercus agrifolia</i>	7/6" (9")
434	Valley Oak/ <i>Quercus lobata</i>	15"
435	Black Oak/ <i>Quercus kelloggii</i>	10"
436	Valley Oak/ <i>Quercus lobata</i>	11/10" (14")
437	Coast Live Oak/ <i>Quercus agrifolia</i>	11"

TREE	SPECIES	TRUNK DIAMETER (In.)
438	Oregon Oak/ <i>Quercus garryana</i>	10"
439	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
440	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
441	Black Oak/ <i>Quercus kelloggii</i>	11"
442	Coast Live Oak/ <i>Quercus agrifolia</i>	5"
443	Coast Live Oak/ <i>Quercus agrifolia</i>	12/9" (14")
444	Coast Live Oak/ <i>Quercus agrifolia</i>	27"
445	Black Oak/ <i>Quercus kelloggii</i>	14"
446	Black Oak/ <i>Quercus kelloggii</i>	16"
447	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
448	Coast Live Oak/ <i>Quercus agrifolia</i>	5"
449	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
450	Black Oak/ <i>Quercus kelloggii</i>	17"
458	Black Oak/ <i>Quercus kelloggii</i>	14"
459	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
468	Coast Live Oak/ <i>Quercus agrifolia</i>	8/11" (14")
482	Valley Oak/ <i>Quercus lobata</i>	12"
485	Valley Oak/ <i>Quercus lobata</i>	21"
485.1	California Bay/ <i>Umbellularia californica</i>	5"
486	Buckeye/ <i>Aesculus californica</i>	6"
487	Valley Oak/ <i>Quercus lobata</i>	14"
489	California Bay/ <i>Umbellularia californica</i>	13/11" (17")
491	Valley Oak/ <i>Quercus lobata</i>	5"
492	Valley Oak/ <i>Quercus lobata</i>	6"
495	California Bay/ <i>Umbellularia californica</i>	13/10/6" (18")
496	Coast Live Oak/ <i>Quercus agrifolia</i>	10/13" (16")
497	Coast Live Oak/ <i>Quercus agrifolia</i>	7/5" (9")
498	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
499	Coast Live Oak/ <i>Quercus agrifolia</i>	16/5" (17")
500	Valley Oak/ <i>Quercus lobata</i>	13"
501	Valley Oak/ <i>Quercus lobata</i>	9"
520	Coast Live Oak/ <i>Quercus agrifolia</i>	7/6" (9")
532	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
536	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
539	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
542	California Bay/ <i>Umbellularia californica</i>	10/9/5" (14")
543	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
543.1	Coast Live Oak/ <i>Quercus agrifolia</i>	9/6" (11")
544	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
546	Coast Live Oak/ <i>Quercus agrifolia</i>	10/6" (12")
547	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
549	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
550	Coast Live Oak/ <i>Quercus agrifolia</i>	17/13" (21")
551	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
552	Coast Live Oak/ <i>Quercus agrifolia</i>	8/10" (13")
553	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
569	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
571	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
600	Coast Live Oak/ <i>Quercus agrifolia</i>	3"
602	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
603	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
605	Black Oak/ <i>Quercus kelloggii</i>	11"
606	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
607	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
609	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
609.1	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
609.2	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
609.4	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
610	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
613	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
614	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
615	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
616	Coast Live Oak/ <i>Quercus agrifolia</i>	5"
624	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
625	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
626	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
627	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
628	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
629	Valley Oak/ <i>Quercus lobata</i>	22"
631	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
632	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
633	Coast Live Oak/ <i>Quercus agrifolia</i>	14"

TREE	SPECIES	TRUNK DIAMETER (In.)
634	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
635	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
636	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
637	Coast Live Oak/ <i>Quercus agrifolia</i>	18"
638	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
639	Black Oak/ <i>Quercus kelloggii</i>	16"
640	California Bay/ <i>Umbellularia californica</i>	15"
642	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
643	California Bay/ <i>Umbellularia californica</i>	17"
644	Coast Live Oak/ <i>Quercus agrifolia</i>	21"
645	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
646	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
647	Black Oak/ <i>Quercus kelloggii</i>	16"
649	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
650	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
651	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
652	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
661	California Bay/ <i>Umbellularia californica</i>	4/5/5/5/6" (12")
662	Coast Live Oak/ <i>Quercus agrifolia</i>	18"
663	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
664	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
665	Coast Live Oak/ <i>Quercus agrifolia</i>	16"
667	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
671	California Bay/ <i>Umbellularia californica</i>	15"
673	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
675	California Bay/ <i>Umbellularia californica</i>	14/8" (16")
678	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
681	Buckeye/ <i>Aesculus californica</i>	5"
689.1	Buckeye/ <i>Aesculus californica</i>	5"
690	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
691.1	Coast Live Oak/ <i>Quercus agrifolia</i>	12/10" (16")
692	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
693	Coast Live Oak/ <i>Quercus agrifolia</i>	8/6" (10")
694	California Bay/ <i>Umbellularia californica</i>	7/6" (9")
695	Black Oak/ <i>Quercus kelloggii</i>	11"
696	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
698	Coast Live Oak/ <i>Quercus agrifolia</i>	11/8/10/6" (18")
699	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
700	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
701	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
703	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
704	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
712	Black Oak/ <i>Quercus kelloggii</i>	7"
713	California Bay/ <i>Umbellularia californica</i>	7/8/5" (12")
714	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
715	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
716	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
719	California Bay/ <i>Umbellularia californica</i>	6"
720	California Bay/ <i>Umbellularia californica</i>	8/10" (13")
741	Coast Live Oak/ <i>Quercus agrifolia</i>	12/13/15/16" (28")
742	Coast Live Oak/ <i>Quercus agrifolia</i>	22"
748	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
749	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
750	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
751	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
752	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
753	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
754	Coast Live Oak/ <i>Quercus agrifolia</i>	10/8" (13")
755	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
756	California Bay/ <i>Umbellularia californica</i>	10/11" (15")
757	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
757.1	Coast Live Oak/ <i>Quercus agrifolia</i>	19/8" (21")
757.2	Coast Live Oak/ <i>Quercus agrifolia</i>	11"
758	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
759	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
760	Coast Live Oak/ <i>Quercus agrifolia</i>	9"
761	Coast Live Oak/ <i>Quercus agrifolia</i>	8/14" (16")
762	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
762.1	Coast Live Oak/ <i>Quercus agrifolia</i>	14"
763	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
764	Coast Live Oak/ <i>Quercus agrifolia</i>	16/10" (19")
766	Coast Live Oak/ <i>Quercus agrifolia</i>	20"

TREE	SPECIES	TRUNK DIAMETER (In.)
767	Black Oak/ <i>Quercus kelloggii</i>	10"
768	California Bay/ <i>Umbellularia californica</i>	11/6" (13")
782	Coast Live Oak/ <i>Quercus agrifolia</i>	20"
783	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
783.1	Coast Live Oak/ <i>Quercus agrifolia</i>	7"
784	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
785	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
786	Coast Live Oak/ <i>Quercus agrifolia</i>	15/19" (24")
787	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
793	Valley Oak/ <i>Quercus lobata</i>	17"
794	Coast Live Oak/ <i>Quercus agrifolia</i>	13"
795	Coast Live Oak/ <i>Quercus agrifolia</i>	5/7" (9")
796	Coast Live Oak/ <i>Quercus agrifolia</i>	27"
797	Coast Live Oak/ <i>Quercus agrifolia</i>	12"
798	Black Oak/ <i>Quercus kelloggii</i>	16"
799	Coast Live Oak/ <i>Quercus agrifolia</i>	13"/13" (19")
800	Coast Live Oak/ <i>Quercus agrifolia</i>	5/10/14/17" (25")
801	Coast Live Oak/ <i>Quercus agrifolia</i>	17"
901	California Bay/ <i>Umbellularia californica</i>	5/9" @ 2' (11")
903	Coast Live Oak/ <i>Quercus agrifolia</i>	10"
904	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
905	Coast Live Oak/ <i>Quercus agrifolia</i>	15"
906	California Bay/ <i>Umbellularia californica</i>	6" (+ small stems)
910	California Bay/ <i>Umbellularia californica</i>	4"
912	California Bay/ <i>Umbellularia californica</i>	4/5/5" (8")
914	California Bay/ <i>Umbellularia californica</i>	4/4" (6")
919	California Bay/ <i>Umbellularia californica</i>	5"
921	California Bay/ <i>Umbellularia californica</i>	4/5/5" (8")
923	California Bay/ <i>Umbellularia californica</i>	4/4/6/6" (10")
928	California Bay/ <i>Umbellularia californica</i>	6"
931	California Bay/ <i>Umbellularia californica</i>	4/6/6" (10")
932	California Bay/ <i>Umbellularia californica</i>	4" (+ small stems)
933	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
935	Olive/ <i>Olea europaea</i>	5"
941	Buckeye/ <i>Aesculus californica</i>	4/5" (7")
946	Buckeye/ <i>Aesculus californica</i>	5" @ 3'
949	Buckeye/ <i>Aesculus californica</i>	7"
951	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
952	Coast Live Oak/ <i>Quercus agrifolia</i>	5"
956	California Bay/ <i>Umbellularia californica</i>	5"
957	California Bay/ <i>Umbellularia californica</i>	4" (+ small stems)
958	California Bay/ <i>Umbellularia californica</i>	5"
959	California Bay/ <i>Umbellularia californica</i>	5" (+ small stems)
960	California Bay/ <i>Umbellularia californica</i>	5" (+ small stems)
962	Coast Live Oak/ <i>Quercus agrifolia</i>	8"
967	Coast Live Oak/ <i>Quercus agrifolia</i>	4/4/7/9/10" (17")
968	California Bay/ <i>Umbellularia californica</i>	4"
969	California Bay/ <i>Umbellularia californica</i>	6"
970	California Bay/ <i>Umbellularia californica</i>	5"
971	California Bay/ <i>Umbellularia californica</i>	4/4" (+ small stems) (6")
972	California Bay/ <i>Umbellularia californica</i>	4/5" (+ small stems) (7")
973	California Bay/ <i>Umbellularia californica</i>	5/5/6" (10")
974	Coast Live Oak/ <i>Quercus agrifolia</i>	5"
975	Coast Live Oak/ <i>Quercus agrifolia</i>	6/9" (11")
976	California Bay/ <i>Umbellularia californica</i>	5"
977	California Bay/ <i>Umbellularia californica</i>	4"
978	California Bay/ <i>Umbellularia californica</i>	6"
979	California Bay/ <i>Umbellularia californica</i>	4"
980	California Bay/ <i>Umbellularia californica</i>	4/4" (+ small stems) (6")
981	California Bay/ <i>Umbellularia californica</i>	4" (+ small stems)
982	Coast Live Oak/ <i>Quercus agrifolia</i>	6"
984	Buckeye/ <i>Aesculus californica</i>	4"
986	California Bay/ <i>Umbellularia californica</i>	5/5/7" (10")

Total Replacement Trees Required: (total trunk dia.) 5238 / 6 = 873 x 2 = 1746

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B.4 - Soils Map

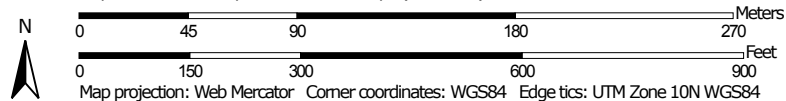
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Soil Map—Sonoma County, California



Soil Map may not be valid at this scale.

Map Scale: 1:3,120 if printed on A landscape (11" x 8.5") sheet.



**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

3/26/2019
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Sonoma County, California

Survey Area Data: Version 12, Sep 13, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 1, 2018—Jul 31, 2018

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
FaE	Felta very gravelly loam, 15 to 30 percent slopes	0.6	3.6%
GIE	Goulding cobbly clay loam, 15 to 30 percent slopes	12.2	77.2%
RaD	Raynor clay, 9 to 15 percent slopes	2.2	14.2%
SkD	Spreckels loam, 9 to 15 percent slopes	0.8	5.1%
Totals for Area of Interest		15.8	100.0%

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