# El Dorado County's New Oak Resources Management Plan and Oak Resources Conservation Ordinance

Community & Economic Development
Advisory Committee
Presentation
May 10, 2018



### **Presentation Overview**

- Summary of Board of Supervisors Actions on October 24, 2017
- Oak Resources Management Plan (ORMP)
- Oak Resources Conservation Ordinance
- Mitigation In-Lieu Fees and Examples
- Questions ?



### **Board Action on October 24, 2017**

- Certified Project EIR
- Adopted General Plan Amendment comprehensive update of biological resources policies, objectives, implementation measures in GP Conservation & Open Space Element
- Adopted Oak Resources Management Plan (ORMP)
  - Updates 2008 Oak Woodland Management Plan (OWMP)
  - Establishes in-lieu fee payment option (effective date: 12/23/17)
- Adopted Oak Resources Conservation Ordinance to implement ORMP (effective date: 11/23/17)



# ORMP at a Glance – 6 Sections 1.0 – Introduction 2.0 – Oak Resources Impact Mitigation Requirements 3.0 – In-Lieu Fee 4.0 – Priority Conservation Areas 5.0 – Application of ORMP to Development Review Process 6.0 – Definitions El Dorado County Oak Resources Management Plan Saprender 2017 El Darado County Oak Resources Management Plan Floring County Oak Resources Management Plan Saprender 2017

### **ORMP Overview**

- Required by General Plan Policy 7.4.2.8 and Implementation Measure CO-P (Develop/Adopt an ORMP)
- Updates 2008 Oak Woodland Management Plan
  - Plan for mitigating impacts to, and conservation of,
     Oak Resources (oak woodlands & individual oak trees)
  - Definitions of exempt projects and actions
  - Mitigation options and standards; Greater mitigation standards for Heritage Trees (any oak tree with 36" diameter or greater)
  - Technical Report requirements
  - Mitigation monitoring and reporting requirements

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# ORMP Mitigation Options for Impacts to Oak Woodlands

- 1. Replacement planting on-site (within an area subject to deed restriction or conservation easement)
- 2. Replacement planting off-site (within an area subject to conservation easement)
- 3. Off-site woodland conservation deed restriction, conservation easement, or fee title of land acquired by land conservation organization
- 4. In-lieu Fee Payment used by the County (or given by the County to a land conservation organization) to acquire off-site deed restrictions and/or conservation easements
- 5. Combination of options above



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# OAK RESOURCES CONSERVATION ORDINANCE

RCES ION



ORDINANCE NO. 5061

AN ORDINANCE ADOPTING AN OAK RESOURCES CONSERVATION ORDINANCE TO IMPLEMENT THE OAK RESOURCES MANAGEMENT PLAN

(CHAPTER 130.39 OF TITLE 130 – ZONING ORDINANCE)

THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO DOES ORDAIN AS FOLLOWS:

Section 1. New Chapter 130.39 (Oak Resources Conservation) of Title 130 as set forth below is hereby added to the El Dorado County Ordinance Code.

OAK RESOURCES CONSERVATION

Sec. 130.39.010. – Content.

This section establishes standards for implementing the County's Oak Resources Management Plan (ORMP) in compliance with General Plan Policy 7.4.4.4 and Implementation Measure CO-P (mitigation requirements for impacts to oak resources). This Chapter shall be referred to as the Oak Resources Conservation Ordinance "Ordinance").



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### Ordinance at a Glance - 10 Sections

Section No. – Title	Section No. – Title
130.39.010 - Content	130.39.060 – Oak Tree and Oak Woodland Removal Permits – Ministerial Projects
130.39.020 – Applicability	130.39.070 – Oak Tree and Oak Woodland Removal Permits – Discretionary Projects
130.39.030 - Definitions	130.39.080 – In-Lieu Fee Appeals
130.39.040 – Prohibition	130.39.090 - Enforcement
130.39.050 – Exemptions and Mitigation Reductions	130.39.100 – Mitigation Maintenance, Monitoring and Reporting

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### Where Does the Ordinance Apply?

(Section 130.39.020)

- All privately-owned lands within unincorporated area of the County at or below 4,000 feet elevation above sea level
  - Approx. 872 square miles or 560,000 acres
- Areas where Oak Resources (oak woodlands and individual native oak trees) are present
  - Approx. 247,000 acres of Oak Woodland in ORMP Planning Area

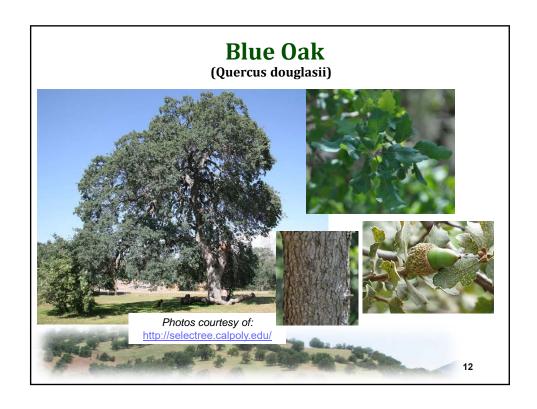


### Six Major Oak Species in El Dorado County

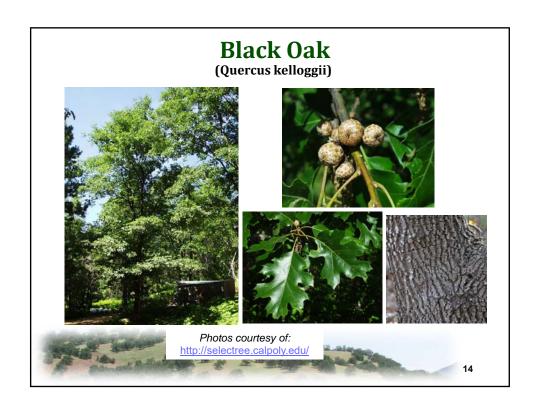
- Canyon live oak (Quercus chysolepsis)
- Blue Oak (Quercus douglasii)
- Leather Oak (Quercus durata)
- Black Oak (Quercus kelloggii)
- Valley Oak (Quercus lobata)
- Interior live oak (Quercus wizlizenii)

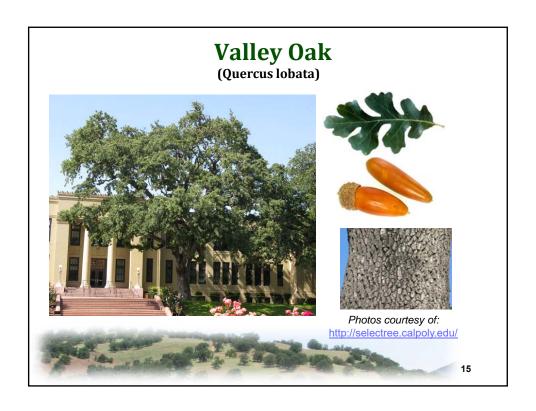














### **Key Definitions**

(Section 130.39.030)

Oak Woodlands

An oak stand with a greater than 10 percent canopy cover

Individual Native Oak Trees

Any live native oak tree with a single main trunk diameter greater than 6 inches but less than 36 inches or multiple trunks greater than 10 inches, measured at 4 ½ feet from ground level (diameter at breast height = dbh)

Heritage Trees

Any live native oak tree with a single main trunk measuring 36 inches or greater, or with a multiple trunk with an aggregate trunk measuring 36 inches or greater (measured at 4½ feet from ground level)

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### **Key Definitions**

(Section 130.39.030)

- Oak Resources Technical Report
  - Stand-alone report as specified in Section 2.5 (Oak Resources Technical Reports) of the ORMP prepared by a Qualified Professional
- Qualified Professional
  - Arborist certified by International Society of Arboriculture
  - Registered Professional Forester
  - Qualified Wildlife Biologist



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### Where to find a Qualified Professional

The County does not have a recommended list of Qualified Professionals. However, here are a few websites of professional organizations:

- International Society of Arboriculture: www.isa-arbor.com/
- American Society of Consulting Arborists: www.asca-consultants.org/
- California Licensed Foresters Association: www.clfa.org/
- California Board of Forestry and Fire Protection:
   <a href="http://bofdata.fire.ca.gov/professional\_foresters\_registratio">http://bofdata.fire.ca.gov/professional\_foresters\_registratio</a>
   n/locate a rpf or crm /



### **Exemptions**

(Section 130.39.050)

### **Important Exclusions:**

Unless otherwise noted, impacts are always mitigated for:

- Heritage Trees (36 inches or greater (dbh))
- Individual Valley Oak Trees and Valley Oak Woodlands



Valley Oak Tree

Photo Credit: Charles Webber
© California Academy of Sciences



Valley Oak Woodland
Photo Credit: University of California
Oak Woodland Management:
http://ucan.edu/sites/oak range/Californias Rangeland Oak Species/Valley
Oak/, Last Accessed 11/17/17.



Valley Oak Leaves
Photo Credit: Wikipedia Commons:
www.wikipedia.com
Last Accessed 11/17/17

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### **Exemptions**

(Section 130.39.050)

- A. Existing Single-Family Parcels (1 acre or less)
- B. Fire Safe Activities (for existing structures)
- C. Utility Line Maintenance (compliance with PRC 4292-4293 & CPUC General Order 95)
- **D.** County Road Projects
- E. Affordable Housing
- F. Agricultural Activities
- **G.** Emergency Operations (firefighting or natural disasters)
- H. Timber Harvest Plan (approved by CAL FIRE)
- I. Dead, Dying, or Diseased Trees
- J. Personal Use of Property Owner (limit of 8 trees per parcel per year)
- K. Mitigation Reductions for Affordable Housing

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### **Exemptions**

(Section 130.39.050)

- Existing Single-Family Parcels
  - Development on parcels 1 acre or less allowing a singlefamily residence by right, and cannot be further subdivided without General Plan Amendment or Zone change
- Tree Removal for Personal Use
  - Allowed on owner's property for owner's personal use
  - Limited to 8 trees per parcel per year, not to exceed total of 140 diameter inches
  - Exclusion: Heritage Trees, Valley Oak Trees, and Valley Oak Woodlands



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### **Exemptions**

(Section 130.39.050)

### County Road Projects

- Road widening and realignment necessary to increase capacity, protect public health and improve movement of people/goods in existing rights-of-way
- Similar to current practice, DOT will continue to mitigate consistent with CEQA and new Oak Conservation Ordinance.
- Exception: DOT projects shall mitigate for impacts to Heritage Trees and Valley Oak Trees/Woodlands.



### **Exemptions**

(Section 130.39.050)

- Agricultural Activities (when allowed by right)
  - Producing or processing plant and animal products or preparation of land for this purpose
  - Agricultural cultivation/operations for personal or commercial purposes (excluding commercial firewood operations)
  - Activities on lands in Williamson Act Contracts or Farmland Security Zone Programs



### **Exemptions**

(Section 130.39.050)

- Dead, Dying or Diseased Trees (including Heritage Trees and Valley Oak Trees/Woodlands)
  - Must be documented in writing by Certified Arborist or Registered Professional Forester; and/or
  - Tree(s) exhibit high failure potential, with potential to injure persons or damage property, documented in writing by Certified Arborist or Registered Professional Forester



### **Exemptions**

(Section 130.39.050)

- Affordable Housing
  - Affordable housing projects for lower income households (Section 50079.5 of CA Health and Safety Code)
  - Located within urbanized area or within sphere of influence defined in Government Code Section 56076
- Mitigation Reductions For Affordable Housing
  - Non-exempt affordable housing projects may qualify for partial oak woodland mitigation credit
  - Development projects must propose at least 10 percent of their dwelling units as "income restricted affordable units" (CA Health/Safety Code Sections 50052.5, 50053 and 50093)



### Oak Tree/Woodland Removal Permits

(Section 130.39.060)

Ministerial Development (e.g. building/grading permits)

- Requires Administrative Permit including:
  - Oak Resources Code Compliance Certificate
  - Oak Resources Technical Report, prepared by a Qualified Professional, including required mitigation in-lieu fee payment(s) for the project\*
  - Reason/Objective for Impact and condition of oak resources

\*Ministerial projects mitigating by retention and/or replanting require Minor Use Permit.



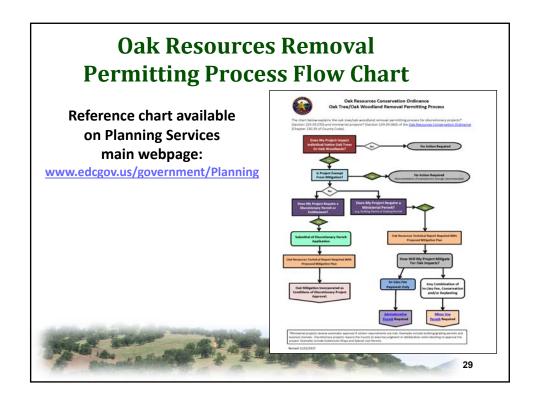
Oak Tree/Woodland Removal Permits

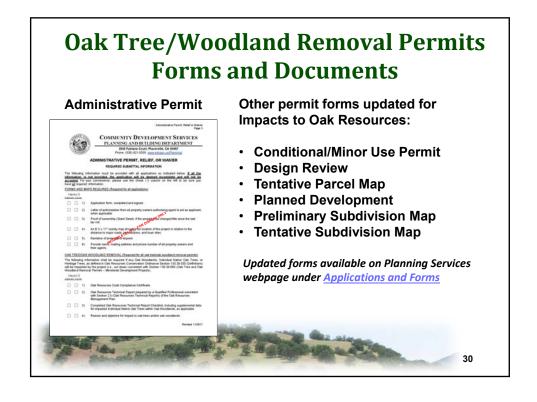
(Section 130.39.070)

**Discretionary Development (e.g. subdivision maps)** 

- Oak resources removal permit incorporated into all discretionary projects with impacts to oak resources
  - Oak Resources Technical Report and Code Compliance Certificate Required
  - Mitigation incorporated into conditions of approval
  - Security deposit required for any projects mitigating by replanting or retention (either on-site or off-site)
- Minor Use Permit required for:
  - Any ministerial projects (e.g. building/grading permits) mitigating by replanting or retention
  - Commercial firewood cutting operations with impacts to oak resources







# Oak Resources technelocol Section (Attached to Tech Report Checklist) COMINITY DIVIDIONIN SINUX COMI

### **Enforcement**

(Section 130.39.090)

- Fines for Unpermitted Oak Resource Removal
  - Oak Woodland Up to 3 times current In-lieu fee amount
  - Individual Native Oak Trees Up to 3 times current market value of replacement trees (including replacement costs)
  - Heritage Trees Up to 9 times current market value of replacement trees (including replacement costs)
- Other Penalties Development applications may be deemed incomplete until
  - Property owner enters into settlement agreement with County, or
  - All code enforcement and/or criminal proceedings are complete and all penalties, fines and sentences are paid/fulfilled



# Mitigation Maintenance, Monitoring and Reporting (Section 130.39.100)

- Mitigation Maintenance/Monitoring (Permittee Responsibility)
  - Site-specific replanting requirements based on Oak Resources Technical Report
  - Annual maintenance and monitoring by responsible party listed on Oak Tree/Oak Woodland Permit document
  - Replacement of any dead trees for a period of 7 years from the date of planting



# Mitigation Maintenance, Monitoring and Reporting (Section 130.39.100)

- Mitigation Reporting Permit responsible party to submit monitoring reports to the County
  - For Oak Woodlands: Annually and at conclusion of 7-year period after planting
  - For Individual Native Oak and Heritage Trees:
     At conclusion of 7-year period after planting



### **Mitigation Maintenance, Monitoring** and Reporting (Section 130.39.100)

**Mitigation Reporting (County Responsibility)** 

- **Annual Reports to Board of Supervisors** 
  - Oak Tree/Oak Woodland Removal Permits and enforcement actions
  - Quantity of permits issued and estimated inches and/or acres approved for removal during the reporting year
- **Biennial Report to Planning Commission and Board of Supervisors** 
  - Documentation of mitigation in-lieu fees collected and recommended fee adjustment(s), as appropriate



### **MITIGATION IN-LIEU FEES**



### **Mitigation In-Lieu Fees**

## Oak Woodland Area In-Lieu Fee Rates (Resolution 130-2017, Exhibit A)

Activity	Cost per Acre
Acquisition	\$4,400
Initial Management and Monitoring	\$2,600
Long-Term Management and Monitoring	\$890
Administration	\$395
Total Cost per Acre	\$8,285

(Source: New Economics & Advisory Oak Resource In-Lieu Fee Nexus Study, June 2016)



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### **Mitigation Ratios (Oak Woodlands)**

## Oak Woodland Mitigation Ratios (ORMP, Table 3)

Percent of Oak Woodland Impact	Mitigation Ratio	
0 – 50%	1:1	
50.1% - 75%	1.5:1	
75.1 - 100%	2:1	

(Source: Oak Resources Management Plan, September 2016, adopted 10/24/3027)



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### **Mitigation In-Lieu Fees**

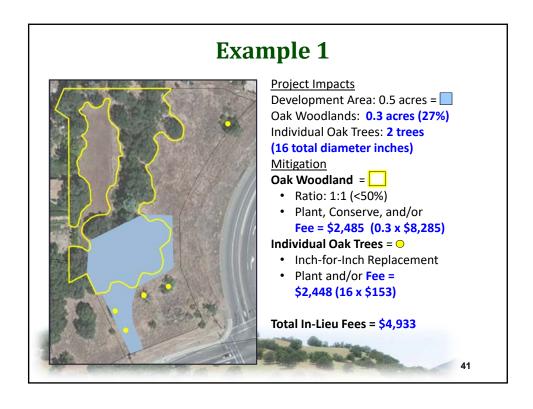
## Individual Oak Tree In-Lieu Fee Rates (Resolution 130-2017, Exhibit B)

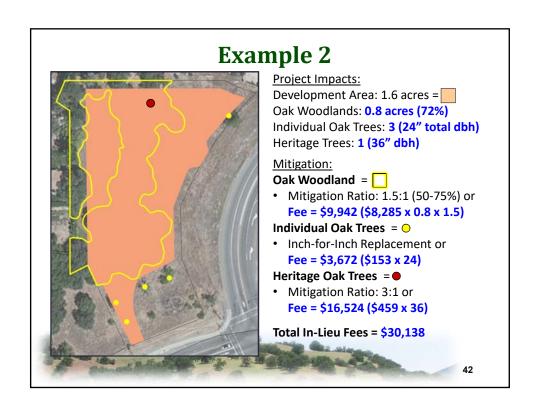
Activity	Cost per Inch
Acquisition and Planting	\$31.90
Initial Management and Monitoring (Years 1-7)	\$113.40
Administration (5%)	\$7.27
Total Cost per Inch (non-Heritage Trees) (rounded to nearest whole dollar)	\$153
Total Cost per Inch (Heritage Trees – 3:1 Ratio)	\$459

(Source: New Economics & Advisory Oak Resource In-Lieu Fee Nexus Study, June 2016)



# Mitigation Examples Site Information 2.4-acre parcel 1.3 acres non-oak upland 1.1 acres oak woodland 5 individual oak trees outside of woodland (each 8" diameter)





### **Mitigation Fee Calculations**

- Mitigation fees are site and project-specific and must be calculated by a Qualified Professional (Section 130.39.060, ORMP Section 2.5). Questions regarding fee estimates should be directed to a Qualified Professional.
- The Ordinance allows for limited fee appeals for specific circumstances including but not limited to incorrect calculation of the required mitigation fee. (Refer to Section 130.39.080 – In-Lieu Fee Appeals)



### **Project Webpage**

 $\frac{www.edcgov.us/Government/longrangeplanning/environmental/}{Pages/biopolicyupdate.aspx}$ 

### Long Range Planning

Home > Government > Long Range Plannin

### General Plan Biological Resources Policy Update

The General Plan Biological Resources Policy Update Project consists of the adoption of a General Plan Amendment to the biological resources policies, objectives and implementation measures in the General Plan Conservation and Open Space Element; Adopting an Oak Resources Management Plan (update of the 2008 Oak Woodland Management Plan); Establishing an In-Lieu Mitigation Fee to mitigate impacts to Oak Woodland Areas and Individual Oak Trees; adopting an Oak Resources Conservation Ordinance; and certifying the Environmental Impact Report (EIR).

ORMP/Ordinance Fact Sheet

Frequently Asked Questions

Oak Resources Management Plan

Oak Resources Conservation Ordinance (sections bookmarked for easier reference)

In-Lieu Mitigation Fee

Oak Resources Removal Process Flow Chart Oak Resources Technical Report Checklist

Oak Resources Code Compliance Certificate

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