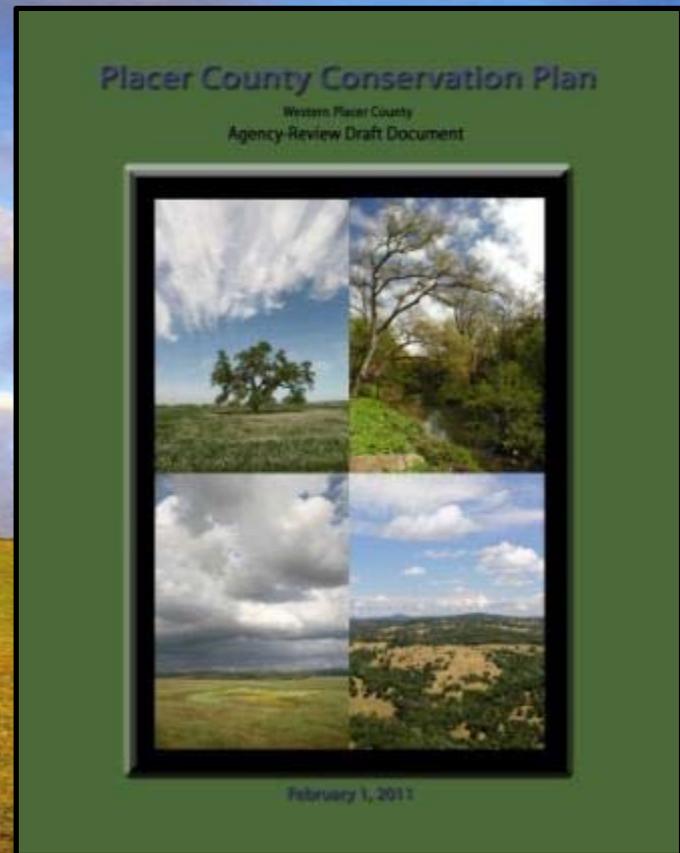


Placer County Habitat Conservation Plan/Natural Community Conservation Plan

PCCP Update

**Placer County Board
of Supervisors**

July 10, 2012



PCCP PARTNERSHIPS

PCCP Overview

- Federal Endangered Species Act – federally-listed endangered species
- California Endangered Species Act and Natural Communities Conservation Act – state-listed endangered species
- Federal Clean Water Act – water quality and wetland fills
- Section 1600 Fish and Game Code – stream protection

Ad Hoc/Staff Activities Since Submittal

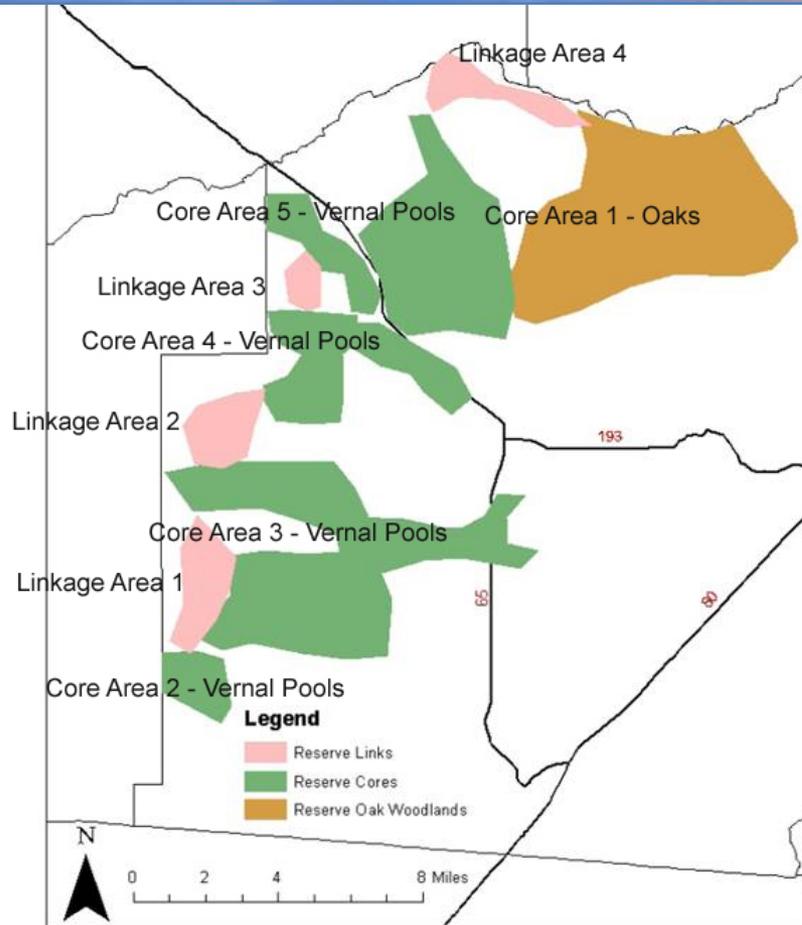
- From April 2011 until August 2011, the wildlife agencies and County staff met bi-weekly to discuss the conservation strategy for natural communities, covered species and other topics related to the implementation.
- New aerial photography and LiDAR data has been acquired and integrated into the GIS data base.
- Landcover mapping has been updated for the valley floor.
- Growth and take projections have been updated.
- The reserve map has been modified and updated.
- Covered species occurrence data have been acquired and analyzed.
- Staff, consultants and the Ad Hoc Committee have met to discuss changes to the reserve map and conservation strategy.
- 404/CARP Meetings and general concurrence on MOU language.

Stakeholder Outreach

Primary Goal: Increased interaction between stakeholders and increased opportunities for public input.

1. Public meetings for stakeholder and public input
2. Increase interactions between BWG and wildlife agency staff
3. Continued meetings of the Ad Hoc Committee emphasizing plan implementation
4. Focused stakeholder meetings – topic- or issue-specific
5. Subcommittee(s) – At a minimum form a subcommittee on the PCCP finance plan.
6. Interagency participation – coordinate with participants and non-participants potentially affected by the plan.

Map: Conservation Concept



For purposes of discussion and not to be interpreted as a suggestion or proposal

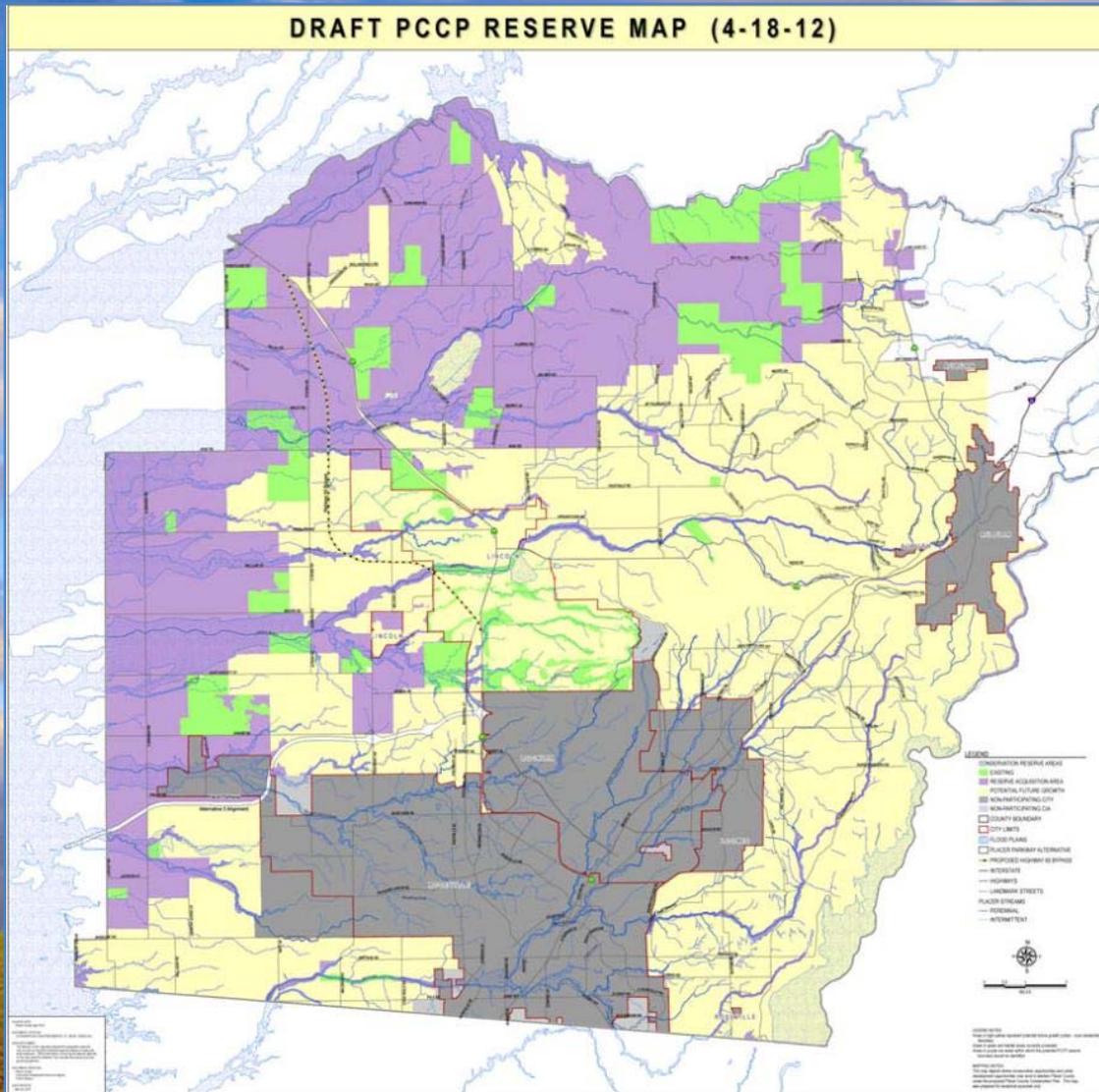
Conservation Concept remains the same:

Valley: reserve blocks with corridors.

Foothill: large area in Coon and Bear watersheds

(Map CDFG circa 2007 for discussion).

Map: Ad Hoc April 2012

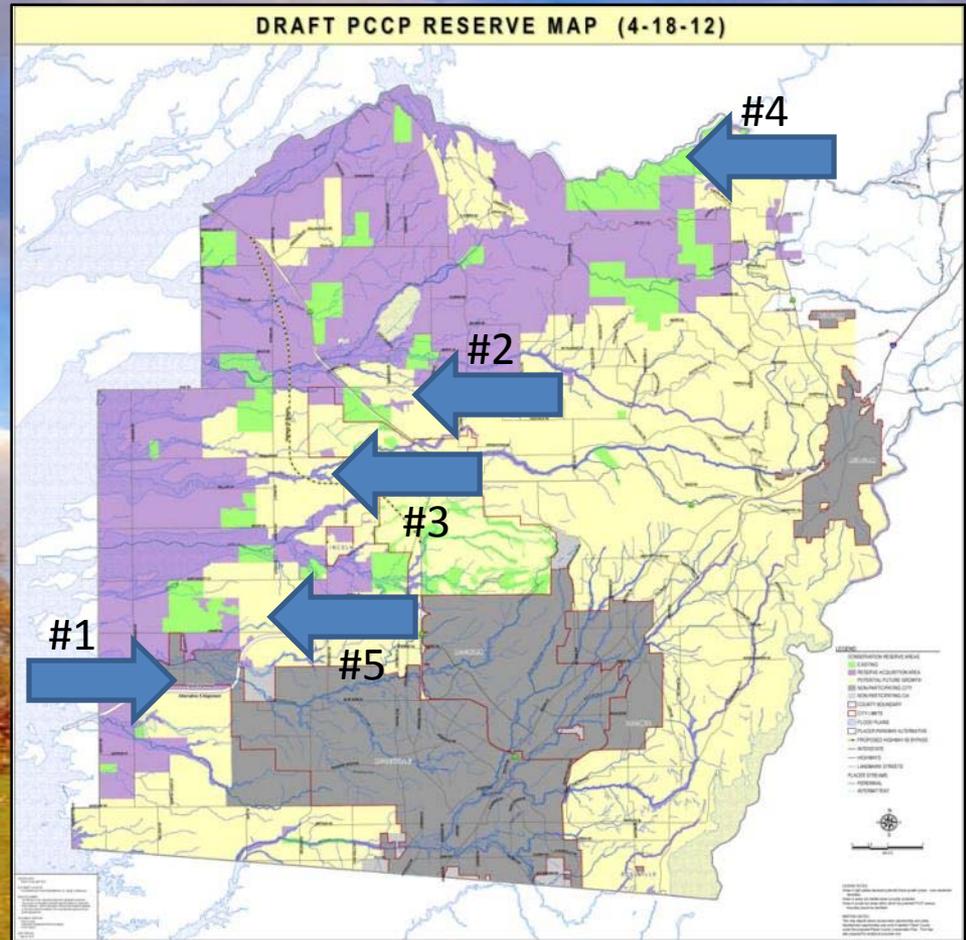


Ad Hoc Committee Map
April 2012:

- Reserve Acquisition Areas (RAA)
- Potential Future Growth (PFG)
- Existing Reserves
- Non-participating cities

Map: 2012 Changes

1. The Reason Farms area was incorporated into the City Limits of Roseville
2. The conservation potential of the vernal pool Critical Habitat has been increased to ~55% of the total area.
3. The reserve area was increased within the City of Lincoln General Plan boundary
4. Existing conservation areas have been updated.
5. A 320-acre property designated as a Reserve Acquisition Area was designated as a Potential Future Growth Area.

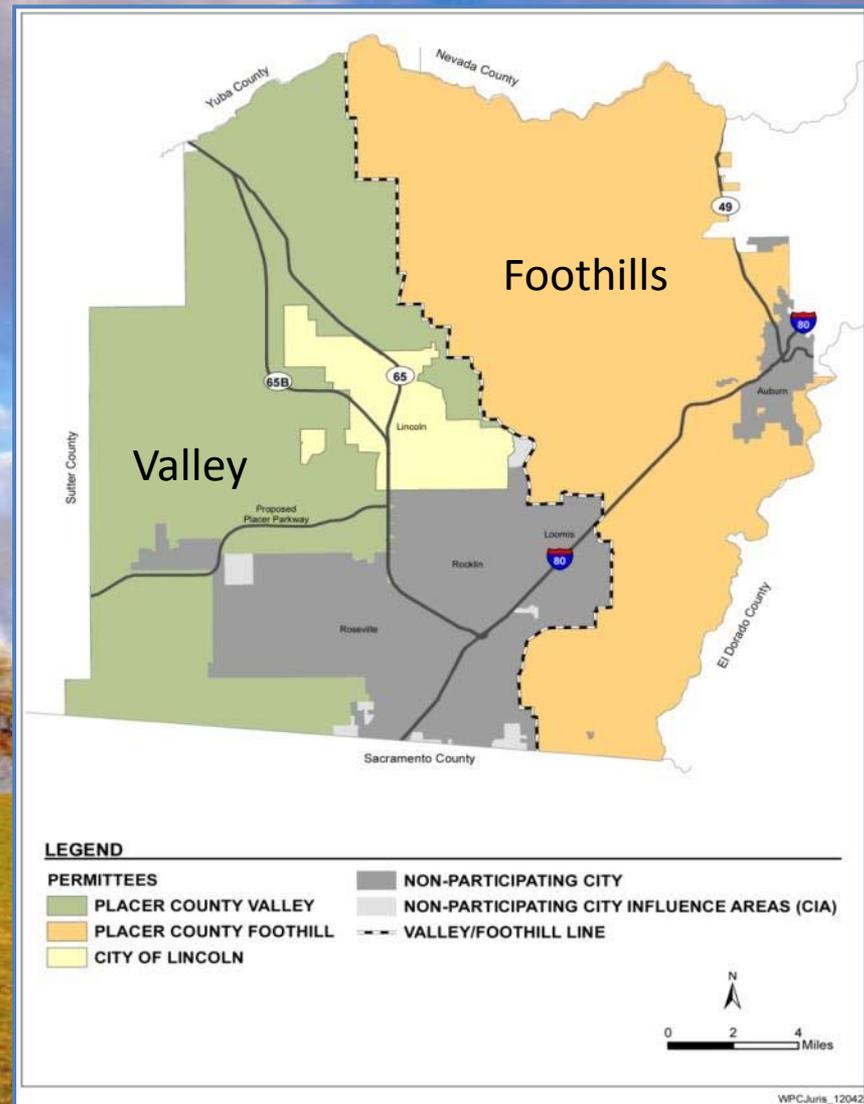


The net effect is that the RAA area declined by 1,100 acres

Updated Growth Projections

2011 economic forecast

- Lower regional growth rates equals less growth in western Placer County to 2065.
- Compared to previous estimate (2008), 26 % less land would be converted on the valley floor for urban uses.
- Foothills are dominated by rural residential infill.



Updated Growth Projections

2008 Land Conversion Estimate compared to 2011 Revised Estimates (acres)

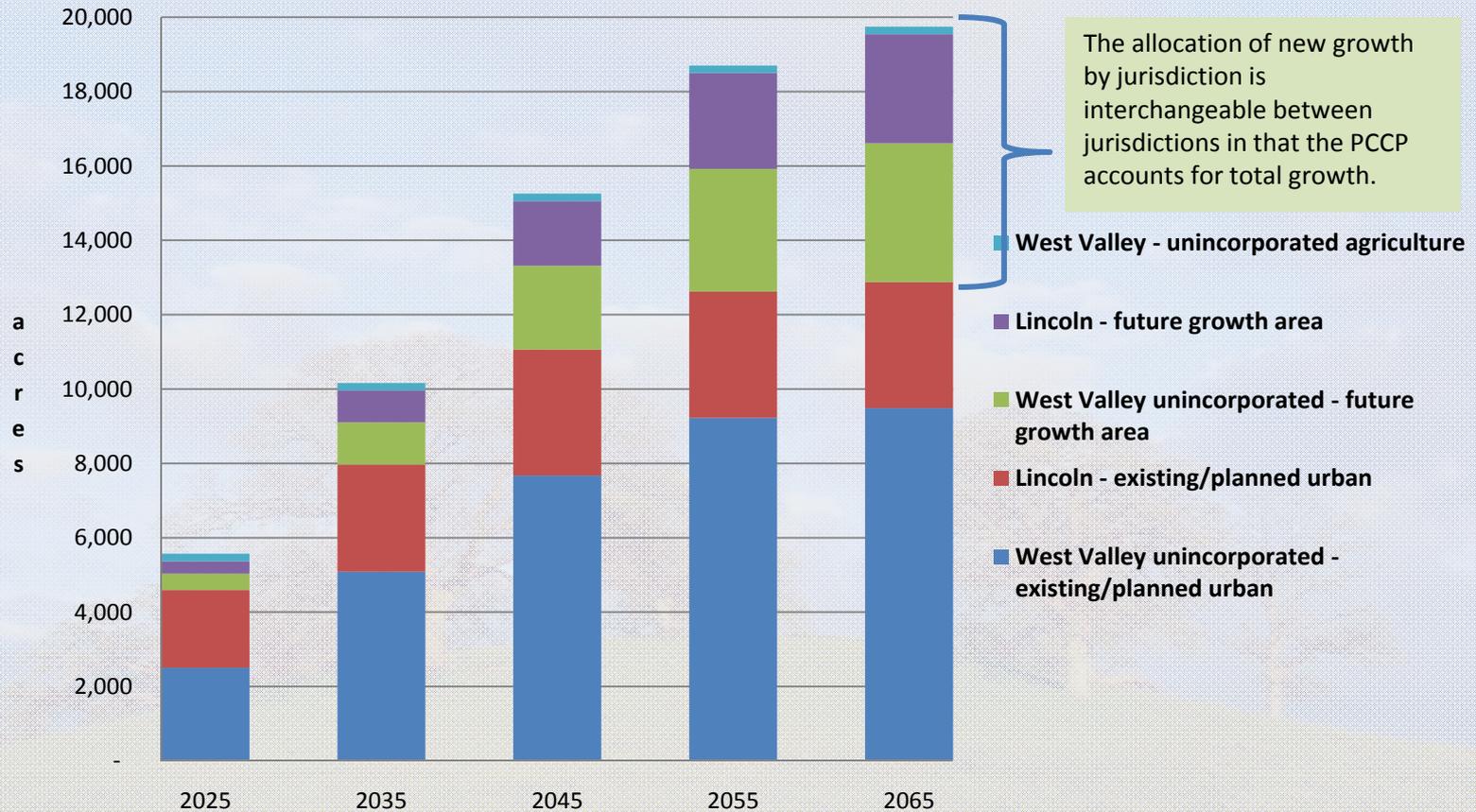
PCCP Analysis Zones	2008 Projection Feb 2011 PCCP	2011 Revised Estimates	Difference in Acres	2011 Revised as percent of 2008
Valley	26,818	19,744	(7,074)	74%
Foothills/I-80 Corridor	24,207	14,673	(9,534)	61%

The valley floor growth has been reduced by 26% over the permit term.

The foothill/I-80 Corridor growth has been reduced by 39% over the permit term.

Updated Growth Projections

Land Development Footprint Estimate by Decade (Valley Only)



The rate of growth is also flexible up to the limits of the authorized take.

Resource Assessment

Updated Resources Assessment

- Landcover
- LIDAR Based Depressional Index
- Wetland Area Restoration Potential
- Disturbance & No Net Loss
- Species Occurrence



Spring 2011 Aerial Photography

Placer County selected the date and time of a flight to coincide with optimum conditions on the ground to identify vernal pool wetlands on the valley floor.

Consistent with the direction provided by Science Advisors, vernal pool complexes were identified and differentiated from grasslands with isolated vernal pool wetlands.



Legend

Spring Aerial
Photography
April 7, 2010

The net result was that more vernal pools were found, increasing the percentage of vernal pool complexes in the high to moderate density range.

Aerial Imagery

April 2011 Aerial Imagery

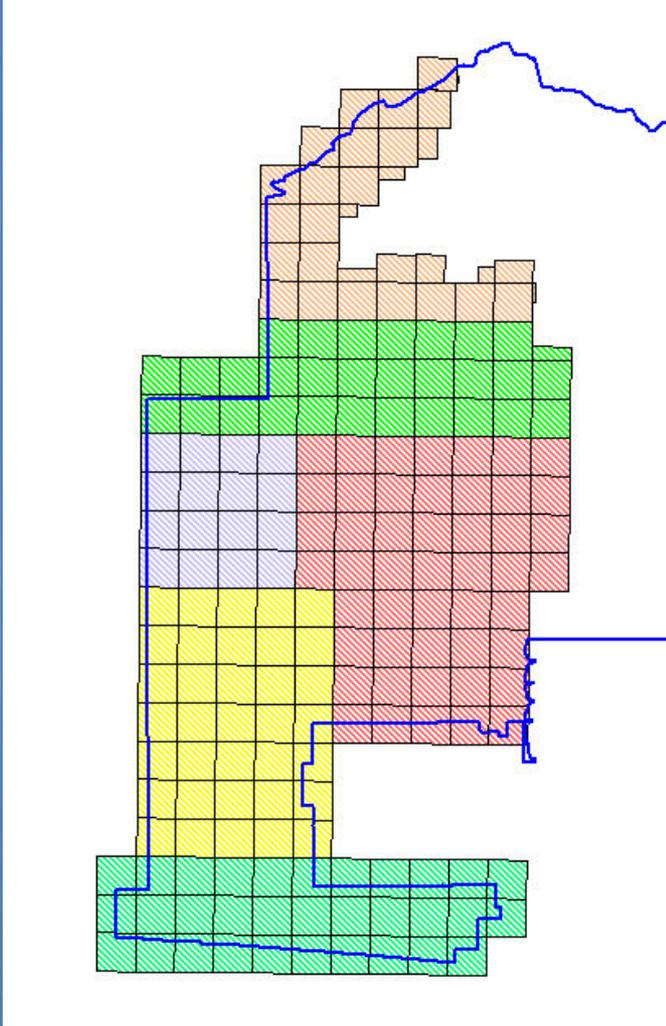


Fall 2009 Aerial Imagery



The new imagery provided optimum conditions for identifying vernal pool wetlands.

LiDAR Data



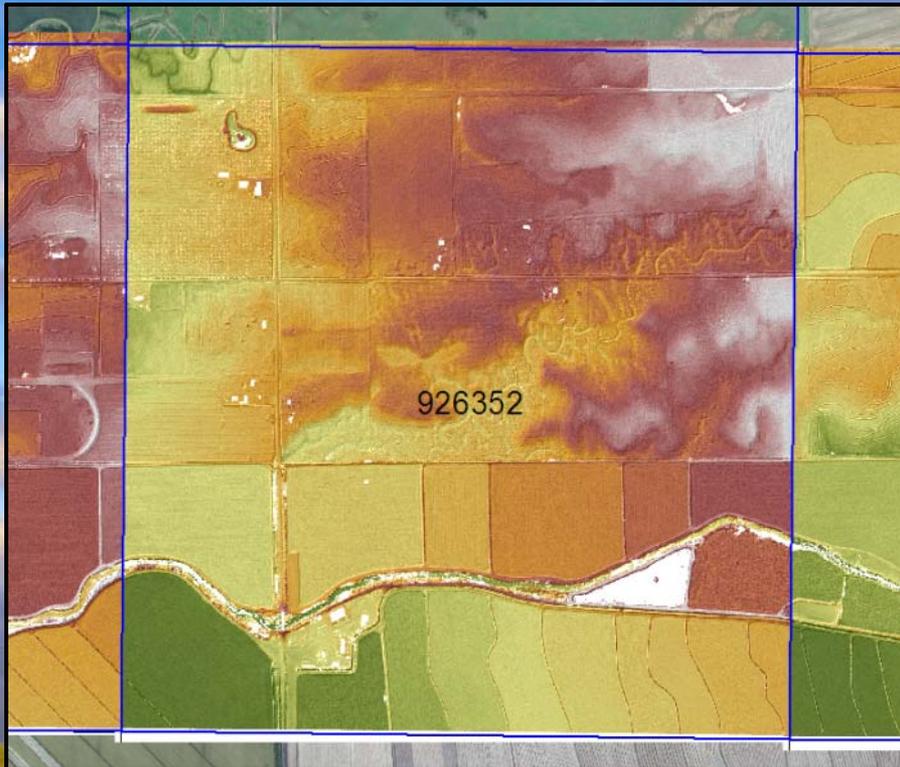
Placer County acquired LiDAR (light detection and ranging) data from DWR. Data are in one mile square “tiles”. The 2008 data can create various electronic imagery products.

The data is very high resolution and can depict microtopography with as little as 3 inches of relief.

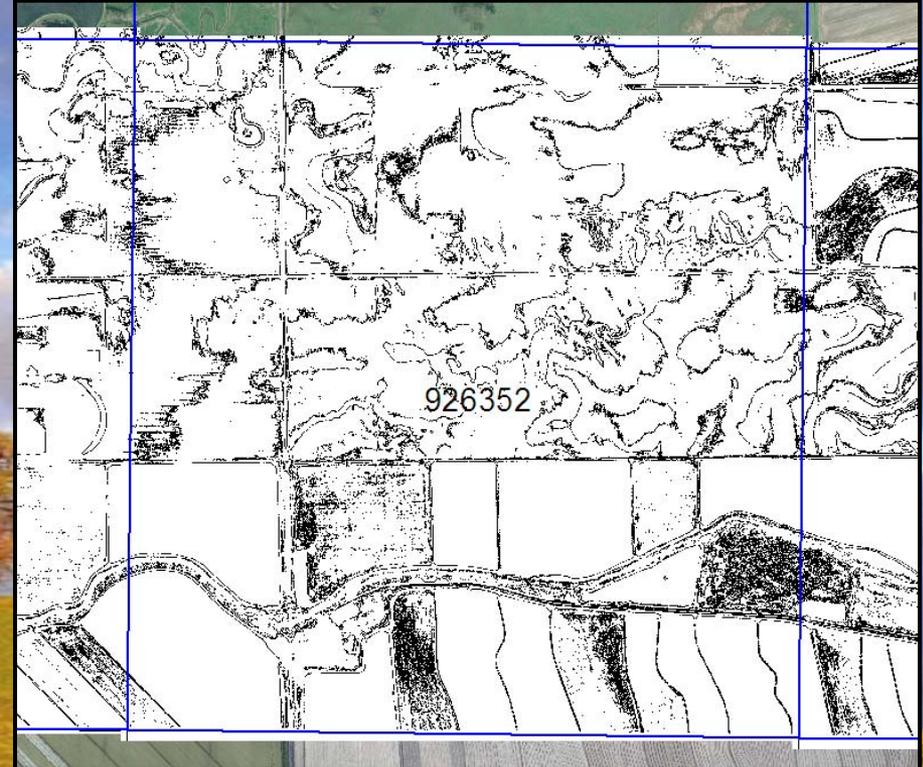
The data is being used to define baseline conditions and to help map vernal pool complexes, and identify the potential for wetland restoration.

LiDAR Data Products

Elevation Data



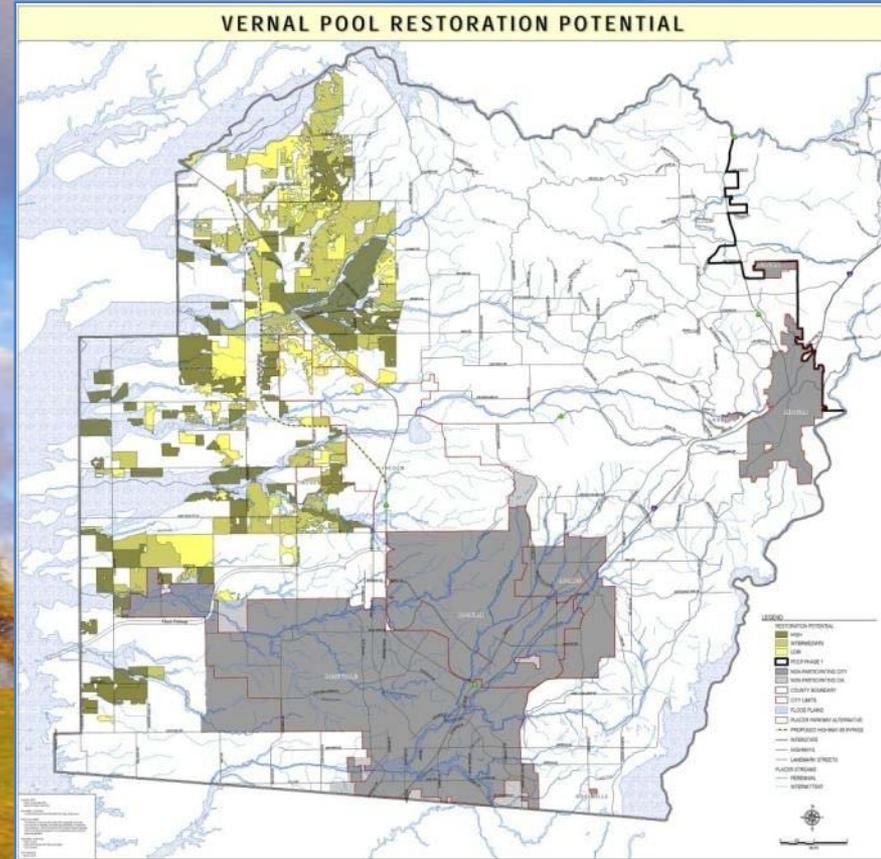
2-foot Contour Data



Wetland Area Restoration Potential

Potential for Wetland Restoration:

- Grassland Polygons greater than 40 acres in size
- high degree of surface disturbance in the upper 12 inches of soil
- evidence of historic wetlands where fewer are currently extant
- size of parcel; larger parcels were considered more restorable than smaller parcels
- meaningful proximity to other preserves



Strategy Implementation: Ratios

Vernal Pool Resource	February 2011	2012 Recommendation
Wetland preservation	1:1	1.25:1
Wetland restoration overall	1.25:1	1.5:1
Minimum as vernal pool	0.75:1	1:1
Vernal Pool - Grassland	1.35:1	1.5:1

Based on these ratios, to mitigate the loss of 16,000 acres of grassland/vernal pool grasslands, the PCCP will require roughly 24,000 acres of grasslands/vernal pool grasslands to be set aside in the Reserve System by 2065.

County Aquatic Resource Program

The CARP authorizes work in “waters of the County” for a variety of activities, including discharges of fill material; alterations to the bed, bank, shoreline, or channel of County streams, lakes, and ponds; and removal of riparian and wetland vegetation.

The CARP will consist of a local ordinance that addresses impacts currently regulated or evaluated by the U.S. Army Corps of Engineers and the Department of Fish and Game.



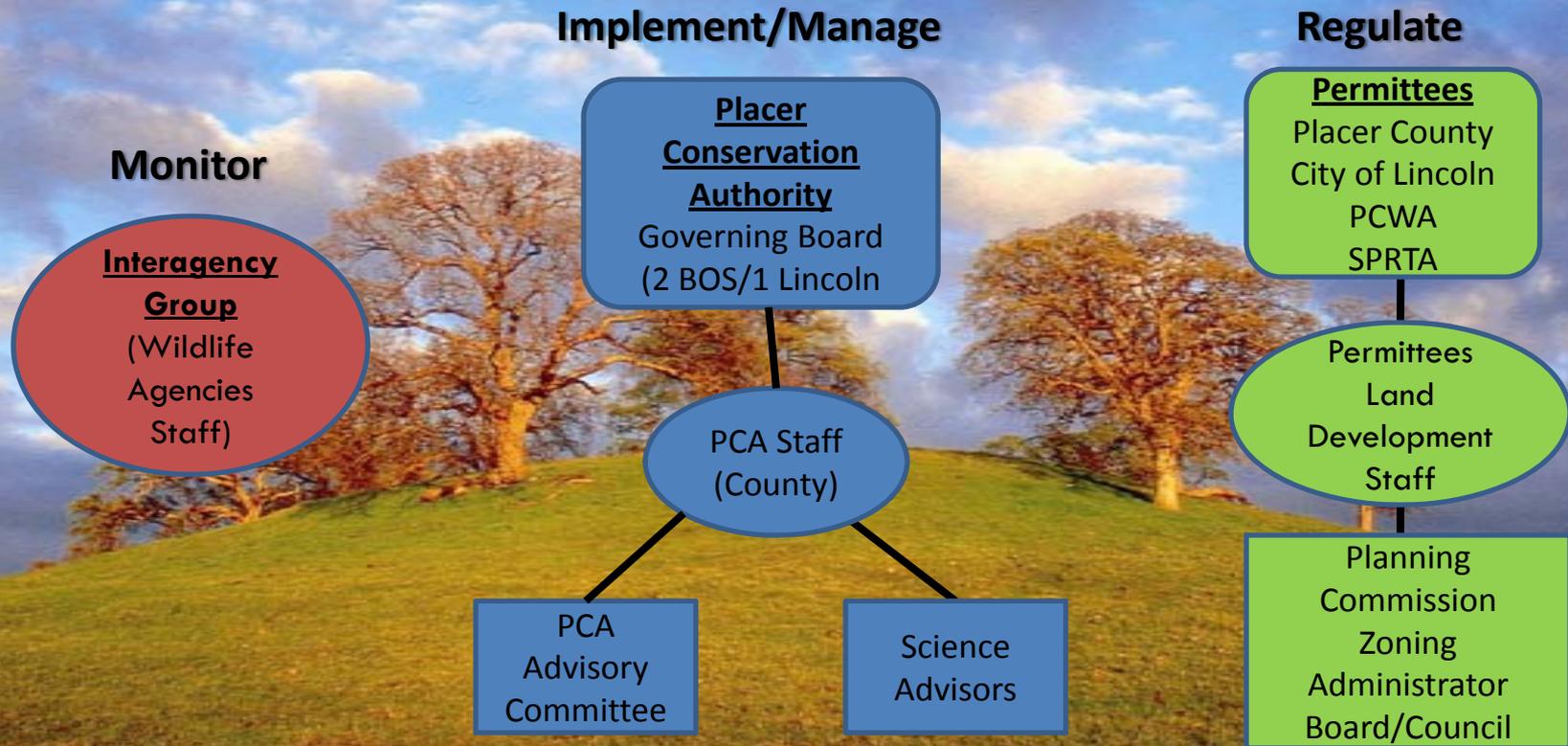
CARP- 404 Integration

The PCCP will integrate environmental review and permitting under NEPA, CEQA, CWA 404, and the CARP for PCCP Program covered activities.

- A joint environmental impact statement (NEPA) and environmental impact report (CEQA) for the PCCP Program, which will include the CWA 404 permitting strategy for PCCP covered activities in waters of the U.S.;
- A local wetland permitting program and a programmatic general permit under the CWA for PCCP covered activities that will have a minimal effect on aquatic resources; and
- A memorandum of understanding between the Corps and the County that will establish coordinated procedures for NEPA and CEQA compliance and CWA 404 permitting for PCCP covered activities.

Governance

The Ad Hoc Committee believes that a JPA comprised of 2 elected officials from the Board of Supervisors and a City Councilmember from the City of Lincoln would serve as the management entity. This JPA would be known as the Placer Conservation Authority.

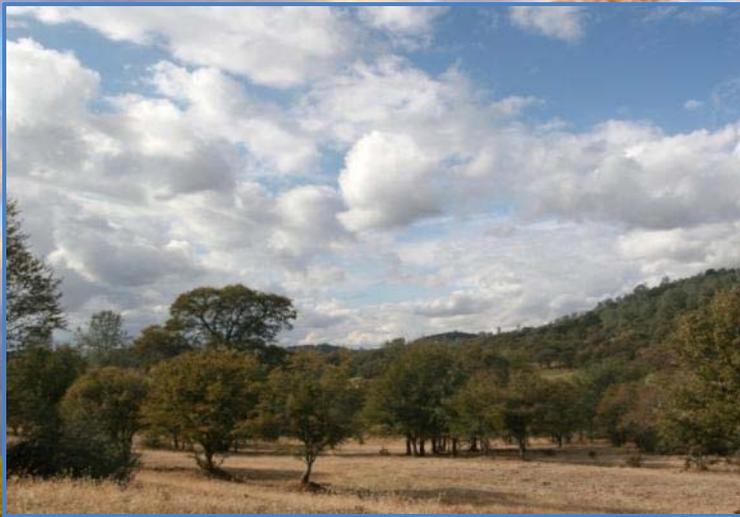


Summary of Outstanding Significant Issues

- Mitigation in advance of take: Stay-ahead
- Acquisition of key parcels at beginning of permit
- Role of mitigation banks in Plan Area
- Species surveys and occurrence data
- Reserve acquisition assurances
- No-net-loss; in-kind v. out-of-kind
- 50 year permit term
- Finalizing Plan Participants

Next Steps

To complete the Conservation Plan, the following work program tasks will be completed:



- Revise and update the February 2011 Agency-Review Draft Conservation Plan
- Prepare the Draft/Final EIR/EIS utilizing the Conservation Plan as the project description
- Prepare a public review draft and final Finance Plan
- Prepare the public review draft County Aquatic Resource Program and implementing ordinance
- Prepare the public review draft and final Implementation Agreement
- Prepare implementing ordinances
- Establish the governance entity

Conclusions/Recommendations

- Direct County staff to prepare the PCCP consistent with the changes discussed herein.
- Authorize staff to proceed with the preparation of the EIR/EIS.
- Authorize staff to proceed with the preparation of the Finance Plan.