

Laguna Creek Watershed Management Action Plan

Highlights



Laguna Creek
Watershed Council

May 2009

Carmel Brown
Greg Suba

This Presentation

- ◉ Overview of the Planning Process
- ◉ Contents of the Plan
- ◉ Summary of Recommended Actions
- ◉ More Details for a Few Representative Actions
- ◉ Next Steps
- ◉ Thank you to all who made this possible!

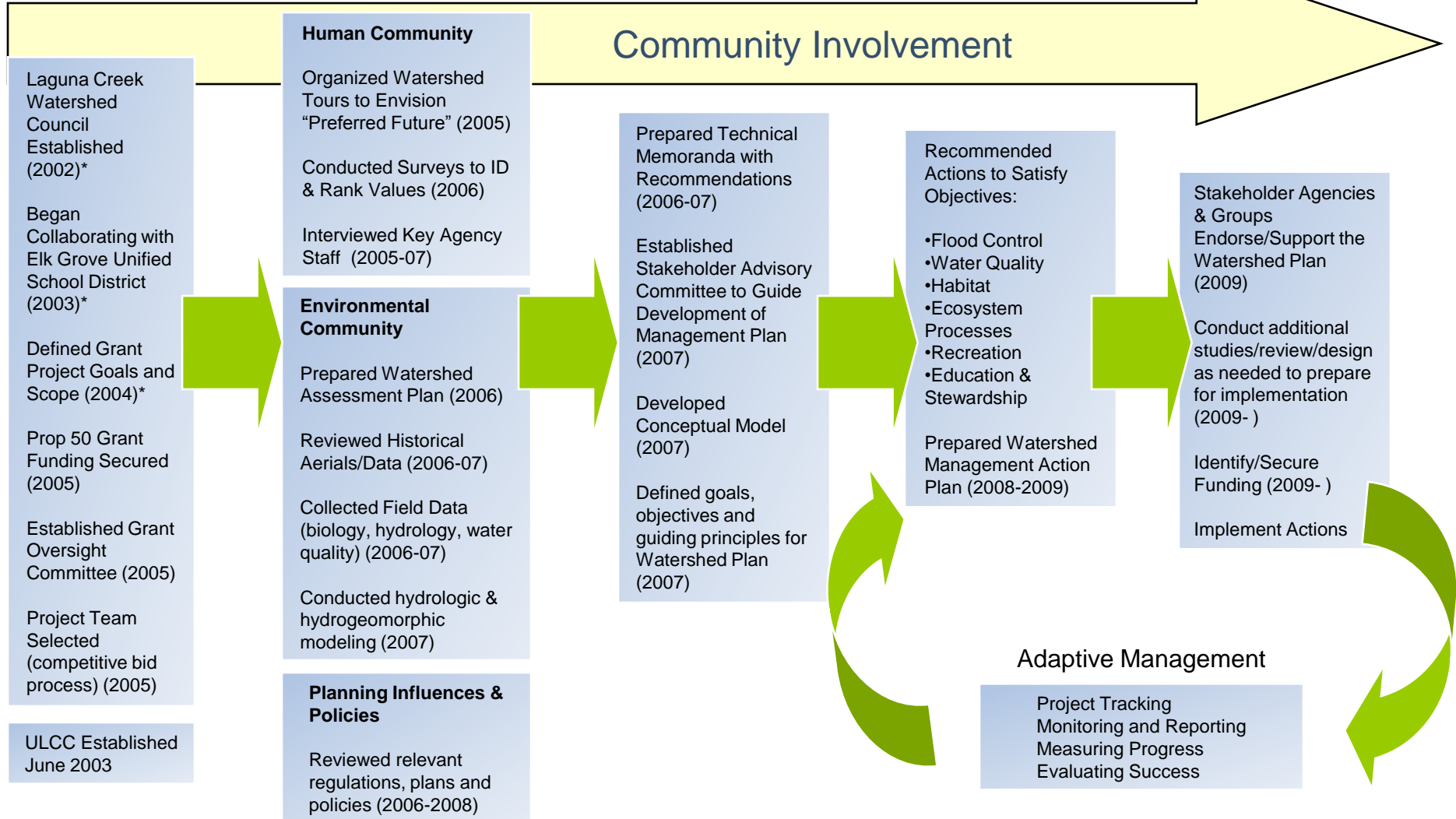
Project Initiation

Watershed Assessment

Data Analysis/
Synthesis

Recommended
Actions

Implement
Actions



Project Initiation Phase



Community Involvement

Laguna Creek
Watershed
Council
Established (2002)

Laguna Creek Watershed Council Established (2002)

Began
Collaborating with
Elk Grove Unified
School District
(2003)

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Defined Grant
Project Goals and
Scope (2004)

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Prop 50 Grant
Funding Secured
(2005)

Prop 50 Grant Funding Secured (2005)

Established Grant
Oversight
Committee (2005)

Established Grant Oversight Committee (2005)

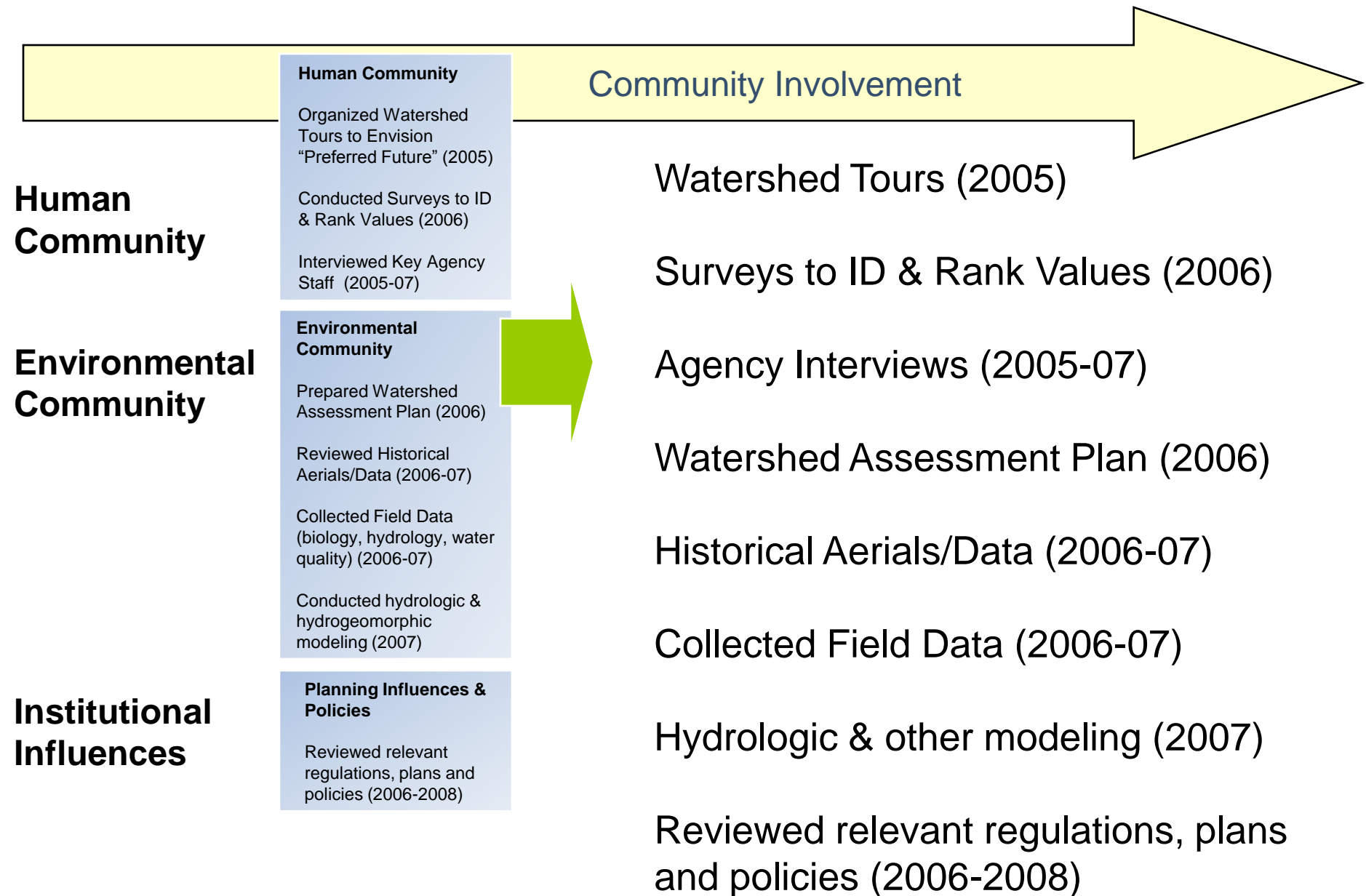
Project Team
Selected
(competitive bid
process) (2005)

Consultant Team Under Contract (2005)

ULCC Established
June 2003

Upper Laguna Creek Collaborative Established (2003)

Watershed Assessment Phase



Data Analysis/Synthesis Phase

Community Involvement



Technical Memos
(2006-07)

Watershed Plan
Stakeholder Advisory
Committee (2007)

Conceptual Model (2007)

Defined goals, objectives
and guiding principles for
Watershed Plan (2007)

Prepared Technical
Memoranda with
Recommendations
(2006-07)

Established
Stakeholder Advisory
Committee to Guide
Development of
Management Plan
(2007)

Developed
Conceptual Model
(2007)

Defined goals,
objectives and
guiding principles for
Watershed Plan
(2007)



Recommended Actions Phase




Community Involvement

Worked with Advisory
Committee to Select and
Refine Actions

Prepared Watershed
Management Action Plan
(2008-2009)

Recommended
Actions to Satisfy
Objectives:

- Flood Control
- Water Quality
- Habitat
- Ecosystem
Processes
- Recreation
- Education &
Stewardship



Prepared Watershed
Management Action
Plan (2008-2009)

Next Step: Implement Actions

Community Involvement



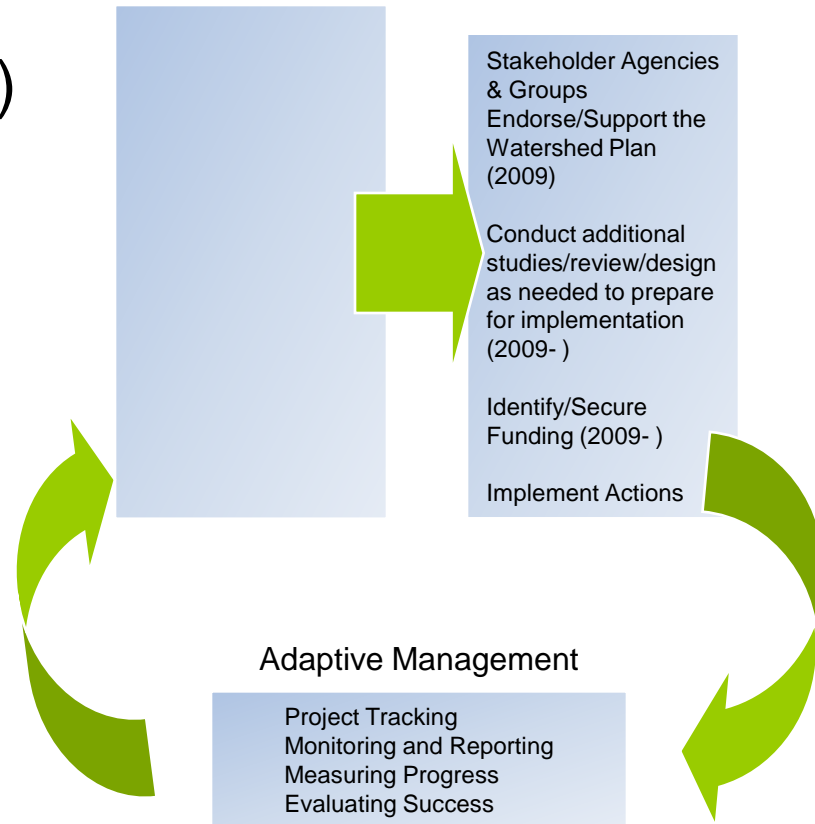
Stakeholder Agencies & Groups
Endorse the Watershed Plan (2009)

Conduct additional
studies/review/design as needed
(2009-)

Identify/Secure Funding (2009-)

Implement Actions

Measure Progress (reporting, etc.)
and Evaluate Success



Watershed Management Action Plan Components

Ch 1 – Introduction

Ch 2 – Watershed description – *geographical and historical setting, land use, etc.*

Ch 3 – Watershed community – *the people and their connection to the resource*

Ch 4 – Regulatory and planning influences

Ch 5 – Watershed assessment findings

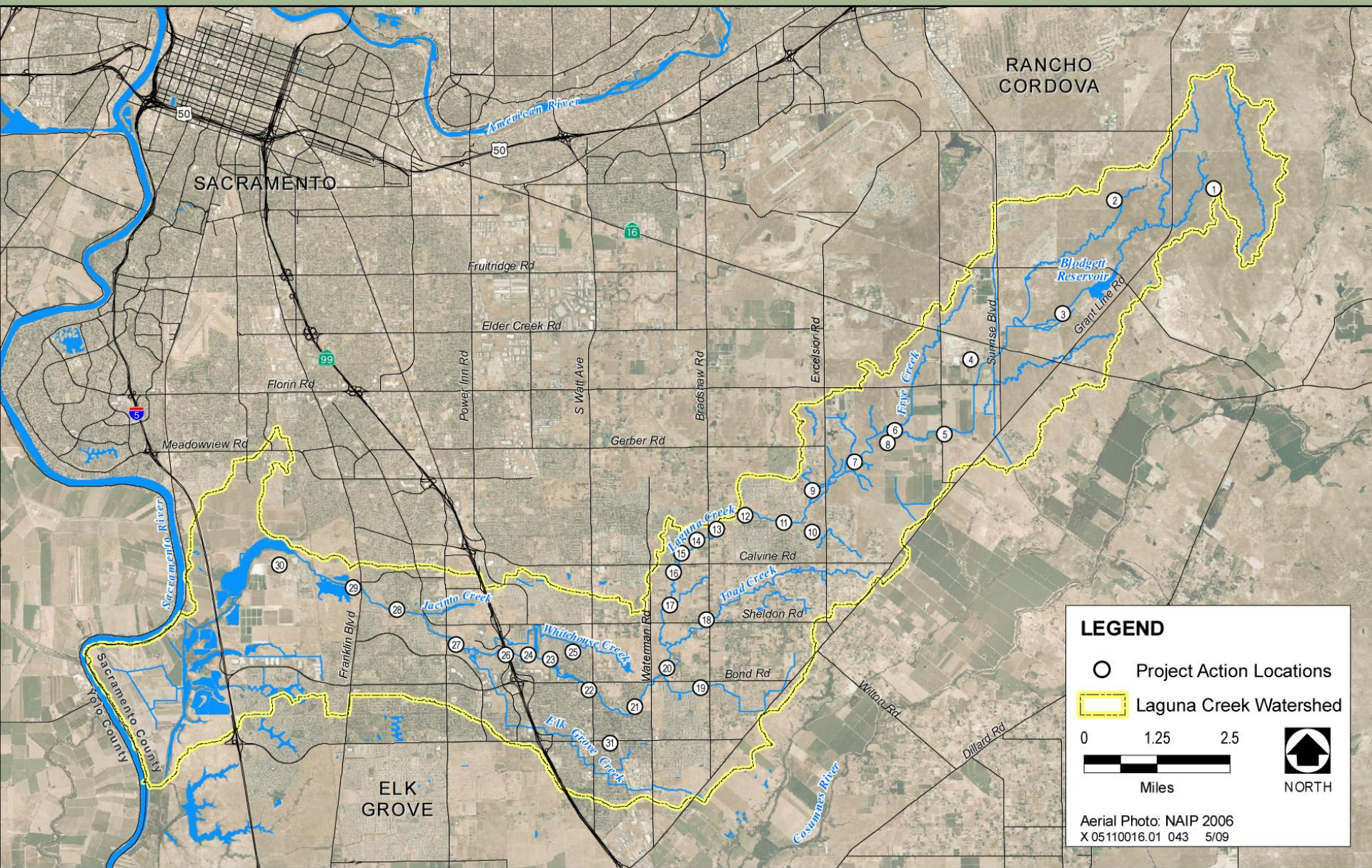
Ch 6 – Recommended actions

Ch 7 – Partnerships & funding

Ch 8 – Measuring performance and success

Chapter 6 – Recommended Actions

- ◎ 43 Actions
- ◎ Categorized into 4 types:
 - Policies
 - Visioning/Planning
 - Stewardship
 - Implementation
- ◎ Table 6-1: at-a-glance summary of watershed objectives met and potential partners
- ◎ Information fact sheets-end of chapter





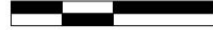
RANCHO CORDOVA


SACRAMENTO

ELK GROVE

LEGEND

-  Project Action Locations
-  Laguna Creek Watershed

0 1.25 2.5

 Miles


 NORTH

Aerial Photo: NAIP 2006
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Chapter 6 – Recommended Actions

The Actions satisfy one or more of the six watershed protection objectives (or provide these services):

- Flood Control
- Water Quality
- Habitat
- Ecosystem Processes
- Recreation
- Stewardship



Flooding of trail at Bond Rd, Jan 2006

Chapter 6 – Recommended Actions

◉ Guiding Principles for selecting actions:

- The creek, tributaries and watershed are community assets that provide basic services
- Actions are consistent with existing regulations, policies, plans
- There are willing participants to implement the actions
- Private property rights are respected

Chapter 6 – Policy-Related Actions

- Action 42 – Recommends amendments to existing local policies, codes, standards to integrate watershed protection
- Various other actions – Recommend consideration of policies in this Plan for specific future projects, for example:
 - 1 - Cordova Hills
 - 2 - Sun Creek
 - 13 - Carmencita Avenue
 - 17 - Elk Grove Rural Block
 - 27 - Lower Laguna Creek (near Lewis Stein Bridge)

Chapter 6 – Policy-Related Actions

- Action 42 - Five areas of interest:
 - Protect open space and stream/riparian buffers
 - Promote sustainable growth that integrates preservation of the creek corridor
 - Manage stormwater to mimic pre-developed conditions (e.g., low impact development)
 - Promote water use efficiency and groundwater recharge
 - Promote increased human connection to the creek resources

Chapter 6 – Planning Actions

Examples:

- ◉ Develop subwatershed plans for Elk Grove, Whitehouse, Toad and Sheldon Creeks
- ◉ Participate in visioning/planning for certain areas, for example:
 - 9 - work with Spiva Rd. neighbors
 - 26 – work with City of EG on Laguna Bypass extension alternatives
- ◉ Develop strategic plans for invasive weed removal (32), tree planting (33) and beaver management (38) in the watershed

Chapter 6 – Stewardship Actions

Examples:

- ◉ Work with landowners and developers on trails and interpretive signage: Bradshaw Christian (15), Jack Hill Park (21), Bufferlands (30)
- ◉ Continue successful Stewards and Creek Walk programs (35, 36)
- ◉ Look for grant opportunities to construct *River Friendly* demonstration gardens (40)
- ◉ Promote water use efficiency education projects (41)

Chapter 6 – Implementation Actions

Examples:

- ◉ Arboretum stream restoration (3)
- ◉ Waegell ranch reach restoration (5)
- ◉ Vineyard area storm drain daylighting (11)
- ◉ Jordan Ranch swale retrofits (16)
- ◉ Lower Camden Lake weir (23)
- ◉ East Lawn Cemetery connected trails (24)

Action 4 – Vulcan Triangle

Recommendation:

Work collaboratively with Sacramento County, ULCC and upper watershed landowners to provide community input to ongoing environmental study and explore alternatives for drainage and flood management in this area

Action 39 – Water Quality Monitoring Plan

- ◉ Continued monitoring is needed to document conditions, identify trends and evaluate effectiveness of actions
- ◉ Draft watershed-wide monitoring plan (Appendix G) needs to be reviewed and finalized

Next Steps

- ◉ Agencies are asked to support/endorse the Watershed Plan
- ◉ LCWC Board has prioritized actions and will be preparing an implementation work plan
- ◉ Other agencies could do the same for actions in their jurisdiction
- ◉ Solicit funding (upcoming Prop 84 grants, foundations, business community, etc.)



**Check out the Laguna Creek
Watershed Management Action Plan
www.lagunacreek.org**