

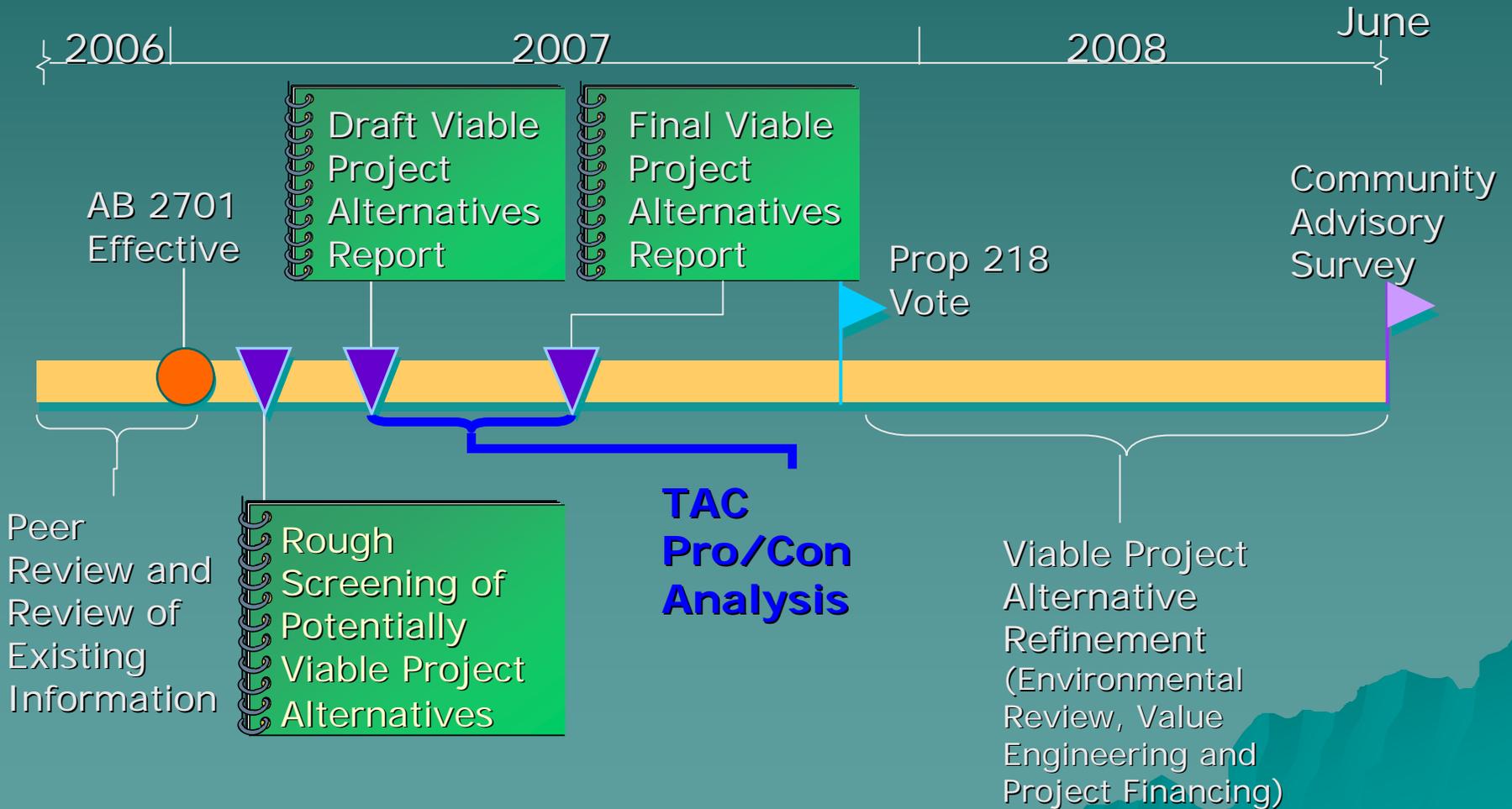
DRAFT FINE SCREENING ANALYSIS

REVIEW OF UPCOMING
DRAFT REPORT

Project Objectives

- ◆ Provide Community Options For a Wastewater Project
- ◆ One of Many Efforts in County Process
- ◆ Receive Community Input on Project Selection Through Advisory Survey

Viability Project Alternatives (Community Wastewater Options)



Report Overview

- ◆ Chapter 1—Introduction
- ◆ Chapter 2—Effluent Reuse/Disposal
- ◆ Chapter 3—Collection System
- ◆ Chapter 4—Treatment Technologies

Report Overview

- ◆ Chapter 5—Solids Treatment And Disposal
- ◆ Chapter 6—Treatment Facility Sites
- ◆ Chapter 7—Summary of Viable Project Alternatives (Community Options)

Report Highlights

- ◆ What is Included
- ◆ What is Not Included
- ◆ Timing

Chapter 2—Effluent Disposal/Reuse

◆ Included in Report

– Several Effluent Disposal Options Which Illustrate Multiple Water Resources Benefit Options

- ◆ Conservation Through Retrofit of Indoor Fixtures is Assumed For All Viable Projects
- ◆ Sprayfield Disposal
- ◆ Broderson Leachfields/Percolation
 - With or Without Harvest Wells
- ◆ Urban Reuse (Large Parcels)
- ◆ Agricultural Reuse
- ◆ Agricultural Exchange
- ◆ Wet Weather Storage

Defining Water Resources Benefits

- ◆ Level "0" Disposal Option
- ◆ No Mitigation of Sea Water Intrusion (0 AFY)
- ◆ Not a Feasible Option, But a Baseline
- ◆ Requires Water Purveyor Participation? No.

Defining Water Resources Benefits

- ◆ Level "1" Disposal Option
- ◆ Mitigation of Sea Water Intrusion Similar to Current Conditions (90-140 AFY)
- ◆ Requires Water Purveyor Participation? No.

Defining Water Resources Benefits

- ◆ Level "2" Disposal Option
- ◆ Maximum Mitigation of Sea Water Intrusion for Wastewater Project, Without Water Purveyor Participation (190-240 AFY)
- ◆ Requires Water Purveyor Participation? No.

Defining Water Resources Benefits

- ◆ Level "3" Disposal Option
- ◆ Mitigation of Sea Water Intrusion for a Balanced Basin at Existing Population (590-620 AFY)
- ◆ Requires Water Purveyor Participation? Yes.

Defining Water Resources Benefits

- ◆ Level "4" Disposal Option
- ◆ Mitigation of Sea Water Intrusion for a Balanced Basin at Buildout
(780-830 AFY)
- ◆ Requires Water Purveyor Participation? Yes.

Chapter 3—Collection System

- ◆ Included in Report
 - STEP/STEG Evaluation
 - Gravity Evaluation
 - Cost Estimates Include
 - ◆ On-lot Costs
 - ◆ Road Restoration
 - ◆ Operation And Maintenance
 - ◆ Effects on Other Project Components

Chapter 4—Treatment Technologies

- ◆ Included in Report
 - Options For STEP/STEG Influent
 - Options For Gravity Influent
 - Selected Effluent Reuse/Disposal Options May Drive Treatment Technology Options

Chapter 5—Solids Treatment And Disposal

- ◆ Included in Report
 - Recognize Cost Benefits of Reduced Solids From STEP/STEG System
 - ◆ Consistent With NWRI Peer Review and Panel Recommendations
 - Information on Relevant Issues
 - ◆ Reliance on 3rd Parties
 - ◆ Hauling Costs
 - ◆ Regulatory Changes
 - ◆ Composting
 - ◆ Sustainability

Chapter 6—Treatment Facility Sites

- ◆ Included in Report
 - Out of Town Options
 - ◆ East of Los Osos Creek
 - ◆ North or South of LOVR

Chapter 7—Summary

- ◆ Included in Report
 - Total Costs of Project Options
 - ◆ Capital
 - ◆ Operations & Maintenance
 - ◆ Replacement

Shaping Community Options

- ◆ Many Options/Configurations are Identified
- ◆ But, Community Input on “Draft Fine Screening Report” is Needed to Develop Detailed Options

Shaping Community Options

- ◆ The “Basic” Options (Without Water Purveyor Participation) for a Wastewater Project are Driven by Water Resources Benefits
 - Level “1”
 - Level “2”
 - Level “3” (Some Aspects)

Shaping Community Options

- ◆ Relationship of Water Resources Benefits
 - Water Resource Benefits Desired by the Community Will Drive Some Detailed Component Decisions
 - ◆ Disposal/Reuse
 - ◆ Treatment Technologies

Shaping Community Options

- ◆ Relationship of Water Resources Benefits
 - Water Resources Benefits are Independent of Some Detailed Component Decisions
 - ◆ Site Selection
 - ◆ Collection System
 - ◆ Solids Handling

Shaping Community Options

- ◆ Project Costs are Always a Key Decision Factor
- ◆ Estimated Construction Cost Range
(Not Total Project Costs)

\$90 - \$132 Million
- ◆ Estimated Tri-W Project Construction Cost
(Not Total Project Costs)

\$144 Million

Shaping Community Options

◆ Two Step Decision Process

- 1) Select "Basic" Option
(Level 1, 2, or 3 Disposal Option)
- 2) Select Detailed Component Options

Future Tasks

- ◆ Not Included In Report (Next Steps)
 - Debt Estimates
 - 30 Year Cost Projections
 - Household Impacts
 - Assessment Engineering

Summary of Overall Project Efforts

- ◆ Developing Community Options  County Staff and Consultants
- ◆ Pro/Con Analysis of Community Options  TAC
- ◆ Assessment Engineering  County Staff, Consultants, and Legal Counsel
- ◆ Adopting Assessments  County Board of Supervisors
- ◆ Proposition 218 Vote  Property Owners

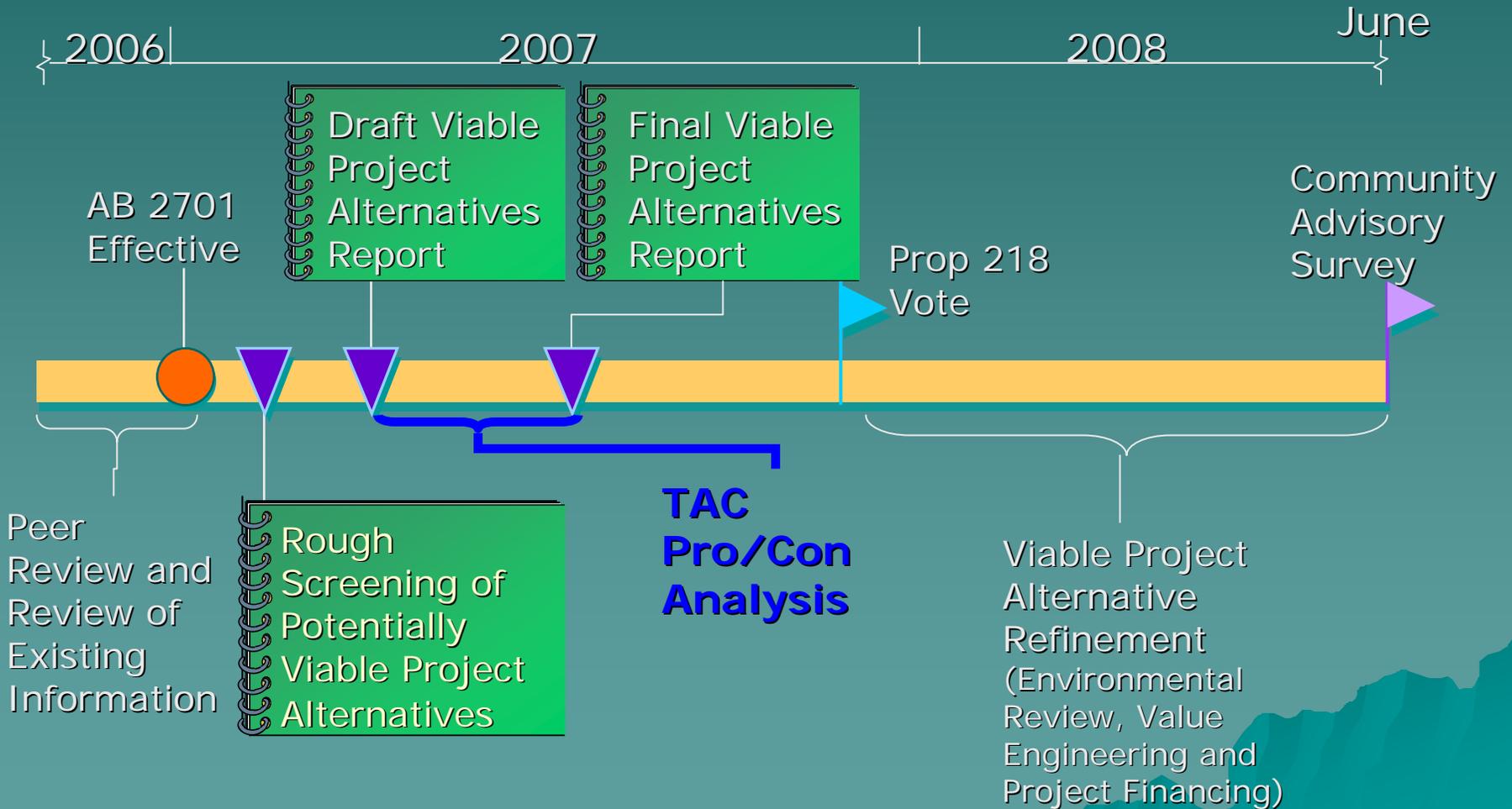
Summary of Overall Project Efforts

- ◆ Community Survey on Preferred Project Options → Property Owners, Residents, Business Owners
- ◆ “Due Diligence” per AB 2701 → County Staff, Legal Counsel and Board of Supervisors
- ◆ CEQA and Regulatory Compliance → County Staff, Consultants, & Board of Supervisors
- ◆ Final Project Selection → County Board of Supervisors

Summary of Overall Project Efforts

- ◆ Project Financing  County Staff, Consultants, Legal Counsel, "Private/Bond Markets," and Other Agencies
- ◆ Project Design  County Staff and Consulting Engineers
- ◆ Permits from State & Federal Agencies  County Staff and Consultants
- ◆ Project Construction  Private Industry Contractors
- ◆ Project Operations  County or Private Operators

Viability Project Alternatives (Community Wastewater Options)



Draft Fine Screening Report

- ◆ Expected Release in 1 to 2 weeks
- ◆ Town Hall Meeting for Detailed Review of Report with Project Team
 - Q & A on Report Findings
 - First Part of June, Time TBD