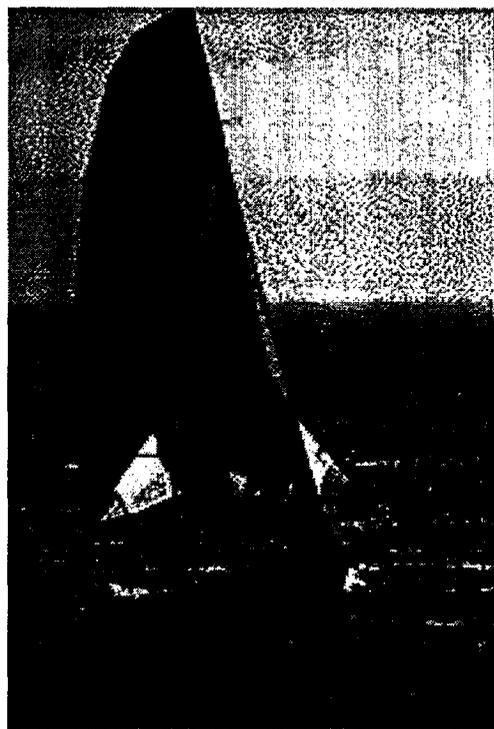


CALFED

Water Quality Program



- ◆ Program Timeline
- ◆ Reports
- ◆ Action Strategies

October 1, 1997

Program Timeline

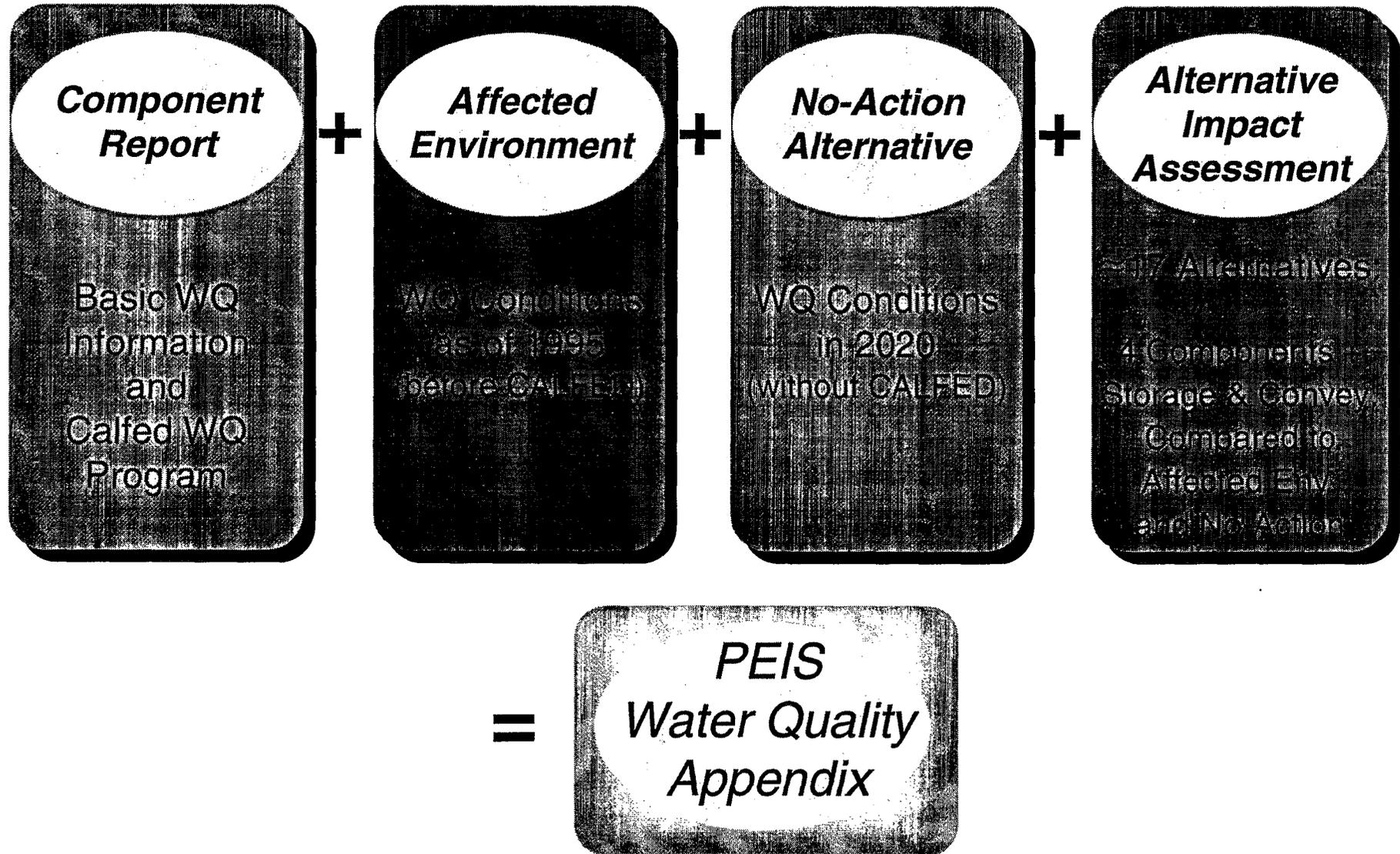
November/December 1997

CALFED Agency Review of Water Quality Technical Appendix
Water Quality Technical Group Meeting (December 3)

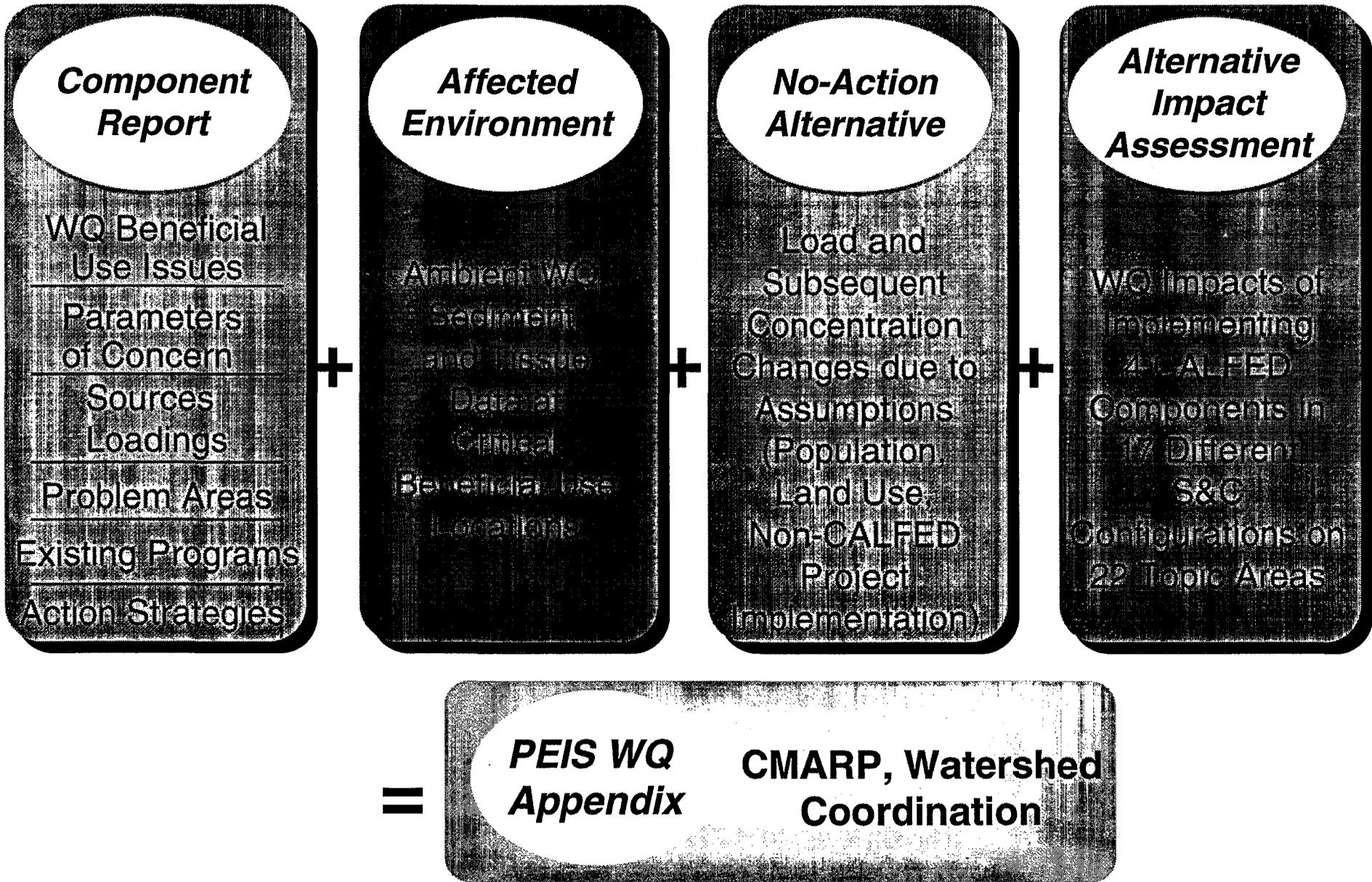
January/February 1998

Stakeholder Review of Water Quality Technical Appendix

Water Quality



Water Quality



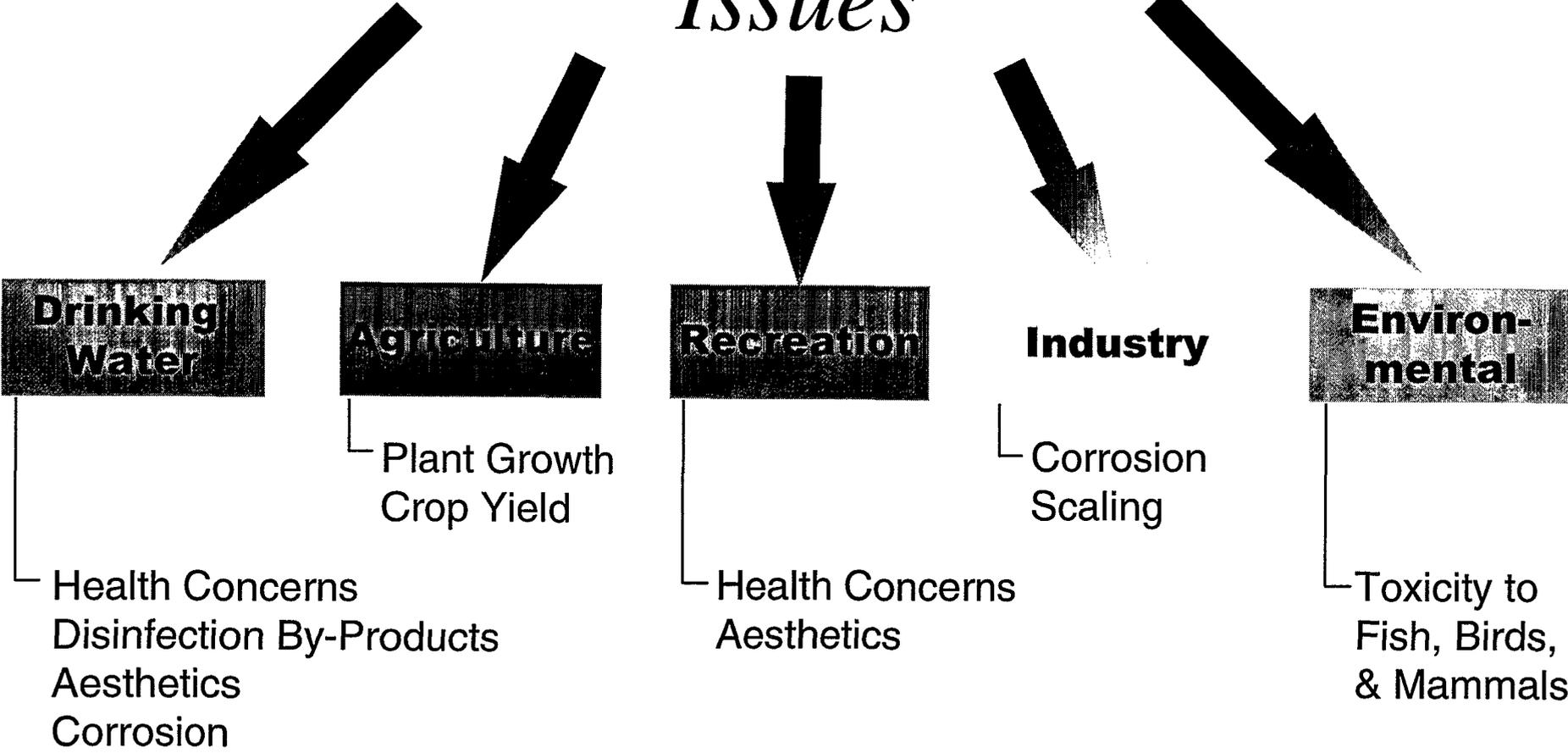
Action Strategies

Provide Good Water Quality for Beneficial Uses

Address 7 Major Topic Areas

Assessed Using Various Tools

Beneficial Use Issues



Major Topic Areas

Mine Drainage (2)

Urban and Industrial Runoff (5)

Wastewater and Industrial Discharge (5)

Agricultural Drainage (7)

Water Treatment (2)

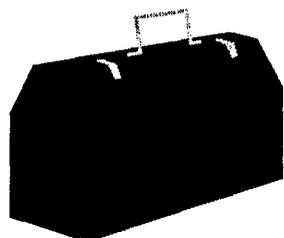
Unknown Toxicity (1)

Water Management (2)

Total of 24 Action Strategies

Process to Assess Action Effectiveness

IDENTIFY POTENTIAL TOOLS



- Water Quality Concentrations
- Toxicity Identification Evaluations (TIEs)
- Toxicity Testing
- Sediment Concentration
- Sediment Toxicity
- Tissue Concentration
- Others



SELECT TOOLS ON AN ACTION-SPECIFIC BASIS

DEVELOP APPROPRIATE TARGETS

IMPLEMENT ACTIONS

EVALUATE ACTION EFFECTIVENESS

MODIFY ACTIONS AS APPROPRIATE



Process to Assess Action Effectiveness

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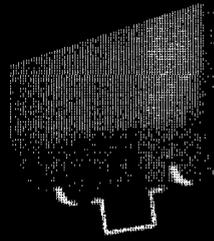
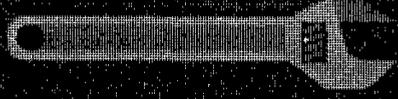
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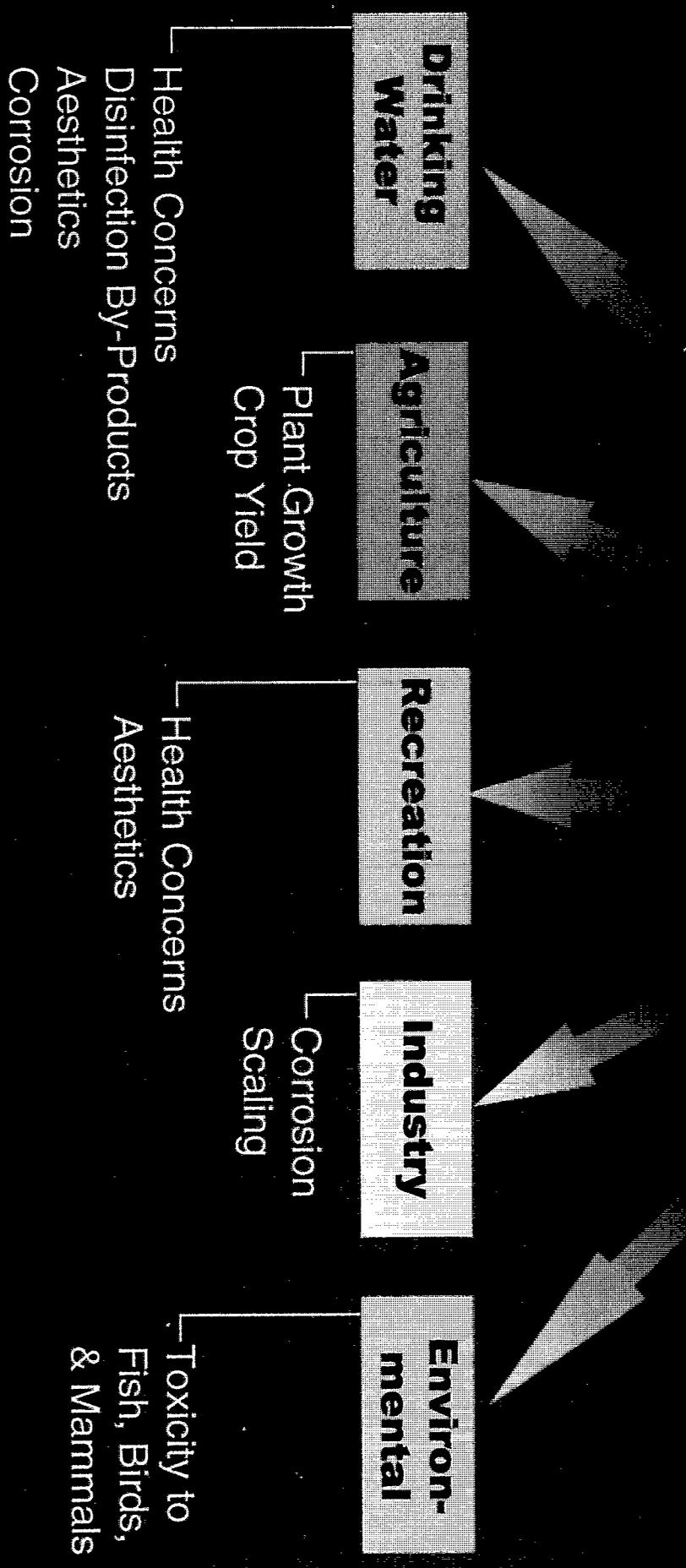
IMPLEMENT ACTIONS

EVALUATE ACTION EFFECTIVENESS

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Beneficial Use Issues



Water Quality

Component Report

WQ Beneficial Use Issues
Parameters of Concern
Sources Loadings
Problem Areas
Existing Programs
Action Strategies

+

Affected Environment

Ambient WQ, Sediment, and Tissue Data at Critical Beneficial Use Locations

+

No-Action Alternative

Load and Subsequent Concentration Changes due to Assumptions (Population, Land Use, Non-CALFED Project Implementation)

+

Alternative Impact Assessment

WQ Impacts of Implementing 4 CALFED Components in 17 Different S&C Configurations on 22 Topic Areas

=
PEIS WQ Appendix

CMARRP, Watershed Coordination

Water Quality

Component Report
Basic WQ Information and Calfed WQ Program

+

Affected Environment
WQ Conditions as of 1995 (before CALFED)

+

No-Action Alternative
WQ Conditions in 2020 (without CALFED)

+

Alternative Impact Assessment
~17 Alternatives: 4 Components + Storage & Convey. Compared to Affected Env. and No-Action

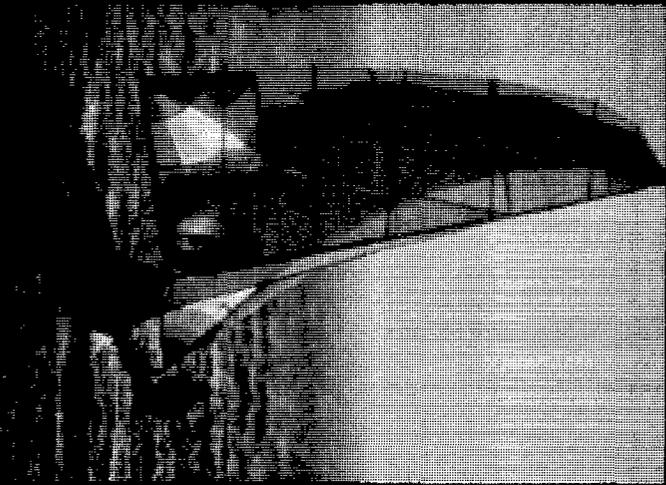
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PEIS
Water Quality Appendix

CALLFIELD

Water Quality Program

- ◆ Program Timeline
 - ◆ Reports
 - ◆ Action Strategies
- October 1, 1997



Program Timeline

November/December 1997

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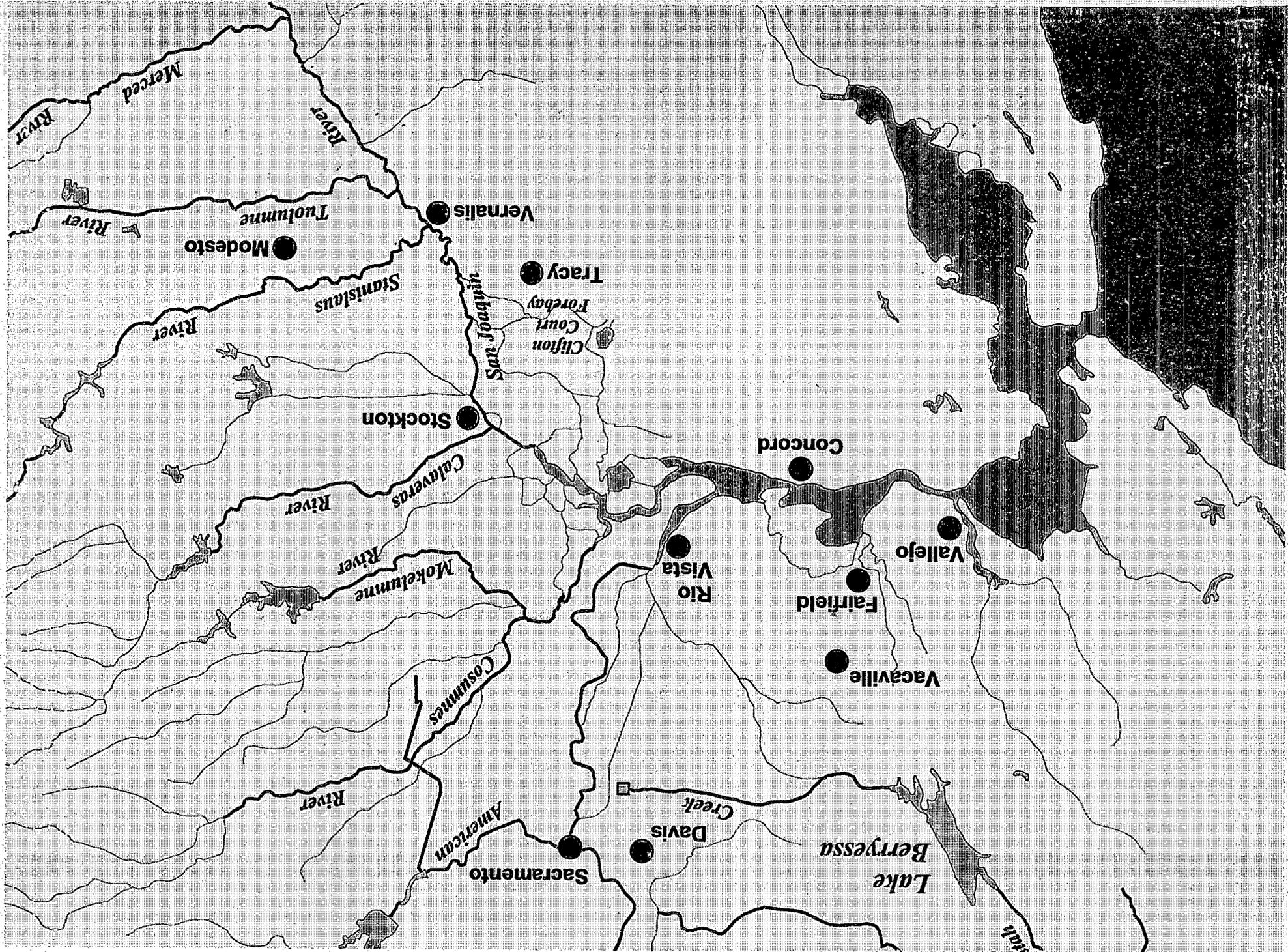
Water Treatment (2)

Unknown Toxicity (1)

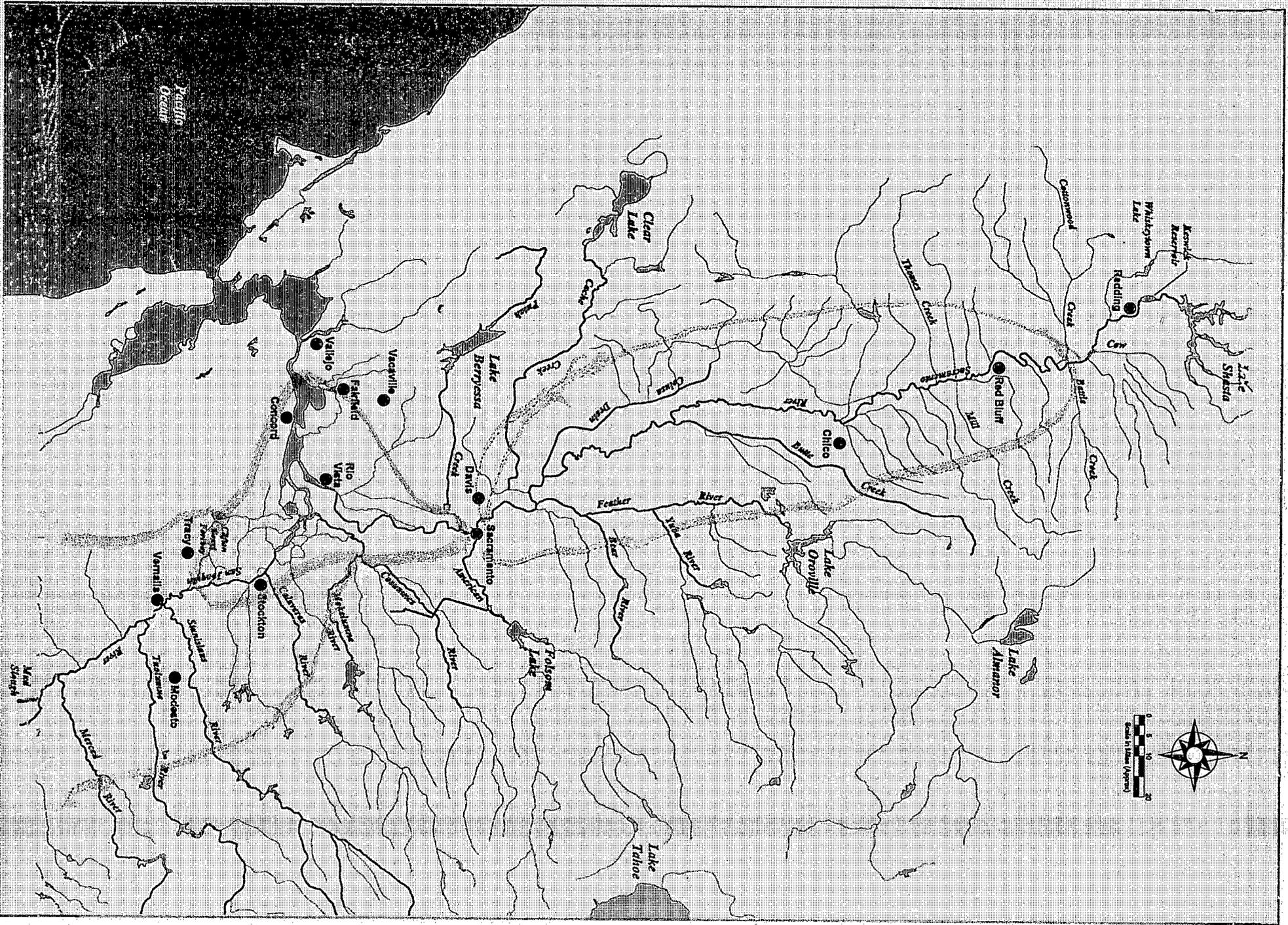
Water Management (2)

Total of 24 Action Strategies

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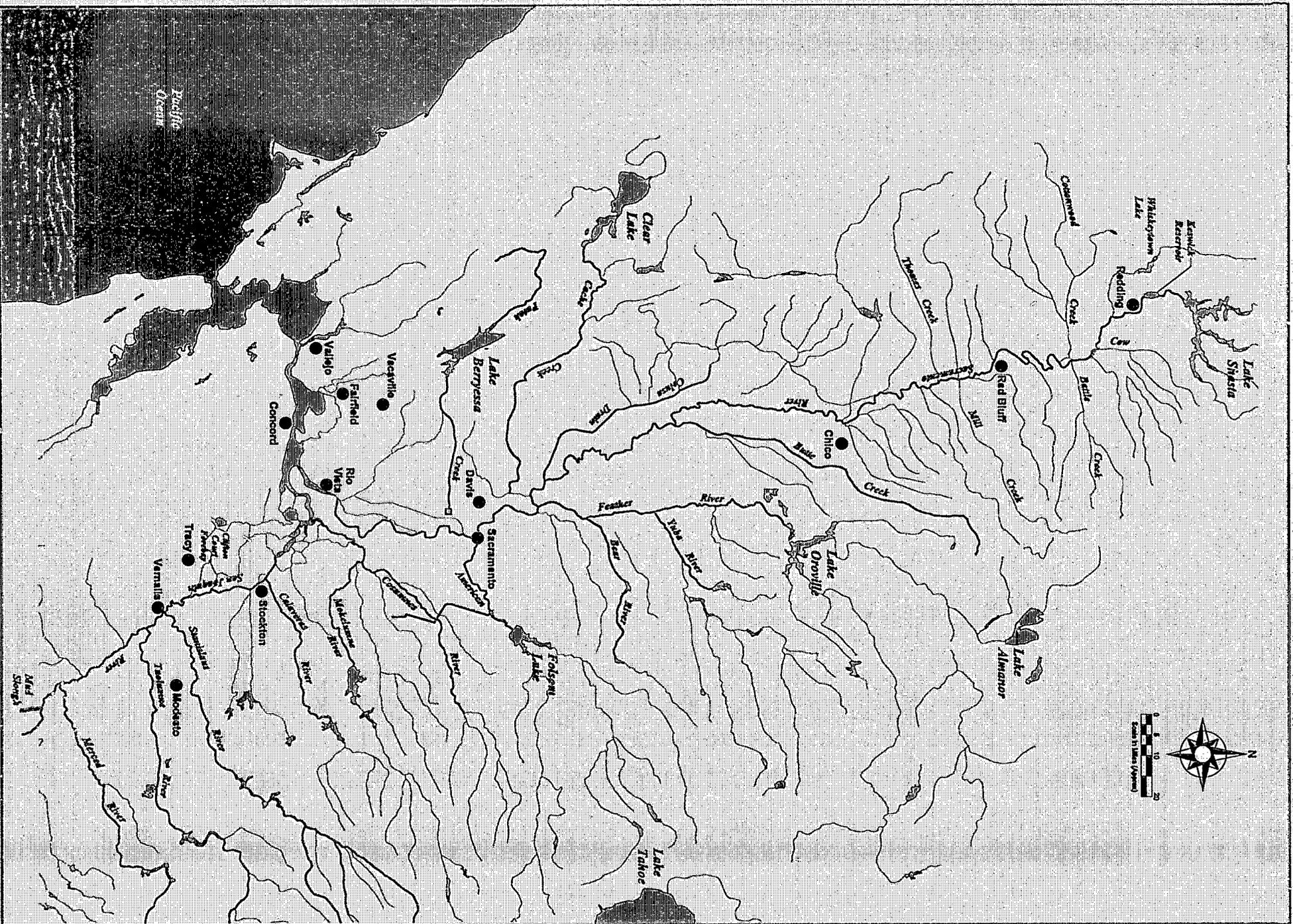


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