

PATHWAY 2007

Creating a Basinwide Management System



Presentation and Discussion hosted by:
Harold Singer, Carl Hasty, Lauri Kemper, Julie Regan
December 9, 2004



PATHWAY 2007

Vision: a Basinwide Management System



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Vision: a Basinwide Management System



More than the sum of its parts.

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Vision: a Basinwide Management System



... to preserve, restore and enhance the unique natural and human environment of Tahoe while protecting Tahoe's famed water quality, protecting the public health, sustaining healthy ecosystems and supporting a vibrant economy for the benefit of present and future generations.

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Vision: a Basinwide Management System

A collaborative effort by

- The US Forest Service
- Lahontan Regional Water Quality Control Board
- Nevada Division of Environmental Protection
- Tahoe Regional Planning Agency
- Scientific Advisors
- Public Advisors

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Vision: a Basinwide Management System

PATHWAY efforts address diverse subject areas:

- Air Quality
- Fish
- Management Systems
- Noise
- Recreation
- Scenic
- Socioeconomic
- Soil Conservation
- Vegetation & fuels
- Water Quality
- Wildlife
- Transportation

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Vision: a Basinwide Management System

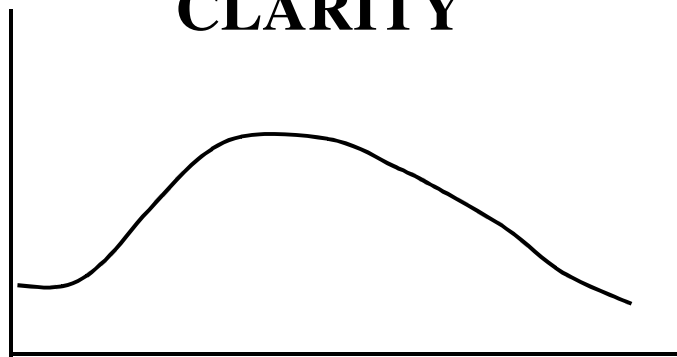
Standards & Indicators
Regional Plan
Forest Plan
CA / NV Basin Plans

Implementation
Plans

Land Use Actions
& Activities

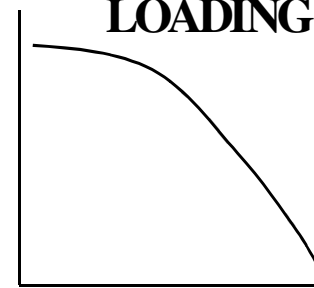
Monitoring & Science
•effect
•modeling

CLARITY

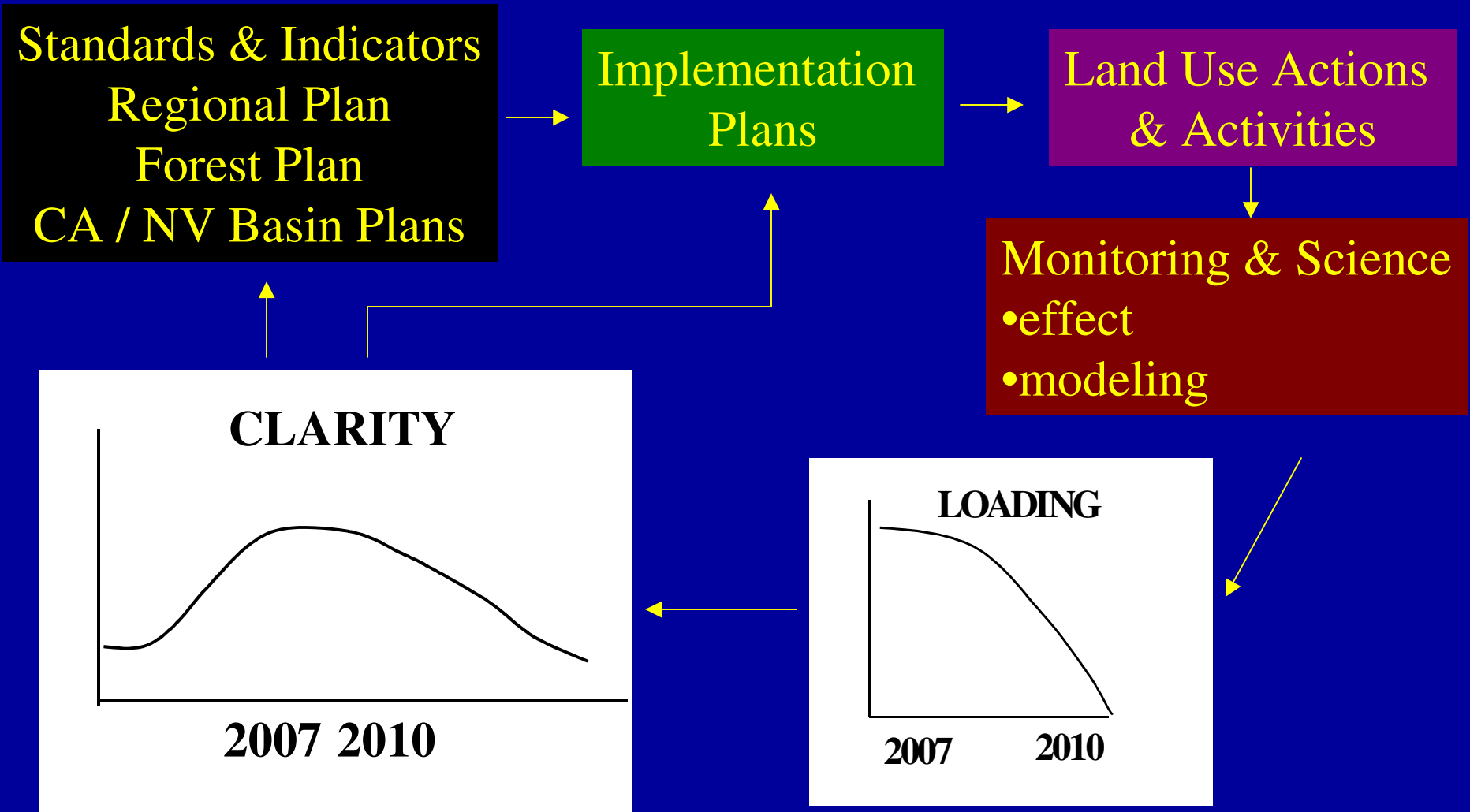


2007 2010

LOADING



2007 2010



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Air Fish Management Systems Noise Recreation Scenic
Socioeconomic Soils Vegetation & fuels Wildlife

WATER QUALITY

Freshwater
aquatic habitat

Aesthetic
enjoyment

Drinking water quality



Water clarity

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Air **Fish** **Management Systems** **Noise** **Recreation** **Scenic**
Socioeconomic **Soils** **Vegetation & fuels** **Wildlife**

Lake Tahoe Basin Water Quality



Water clarity



Total Maximum Daily Load (TMDL)

*The Science to inform the Water Quality Restoration
Plan for Lake Tahoe.*

What is a TMDL?

Total Maximum Daily Load =
Water Quality Restoration Plan

Tracking mechanism for benefits of
project implementation.



TMDL Development

Phase I – Develop Technical TMDL

Determines Current Loading & Basin-wide Load Reduction Needs

Phase II – Develop Implementation Plan

Identify Load Reduction Possibilities

Phase III - Implementation and Monitoring

Adaptive Management framework

Technical TMDL

Spring 2005



“TMDL
Phase 1”

- Science identifies needs for nutrient and sediment reduction
- ‘How much of a reduction is needed?’
- Quantifiable targets for load reduction identified
- Holistic approach - land, air, water science + resource management + policy

TMDL / PATHWAY Integration 2005-2007

Once the reduction target is defined there are many ways to achieve that target. Science and public opinion inform the decision process.

statutory



social

scientific

**“TMDL
Phase 2”**

Public support and scientific feasibility are prerequisites to the achievement of the target water clarity goal.

TMDL / PATHWAY Integration 2005-2007

- Air Quality →
- Fish →
- Management Systems →
- Noise →
- Recreation →
- Scenic →
- Socioeconomic →
- Soil Conservation →
- Vegetation & fuels →
- Wildlife →
- Water Quality →
- Transportation →

statutory

public
opinion



scientific

“TMDL
Phase 1”

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Public Participation Opportunities



- PATHWAY Forum
- Focus groups
- Phone surveys
- Visioning workshops
- Public meetings
- Technical Symposia
- Website:
PATHWAY2007.org

TMDL / PATHWAY Integration 2005-2008

Statutory



Social

PATHWAY Forum

Scientific

Technical Work Groups

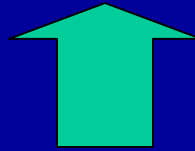
**“TMDL
Phase 2”**

Evaluate alternative implementation scenarios to achieve clarity.
Inform a process to allocate load reductions to pollutant sources.

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Basinwide Management System

Decisions

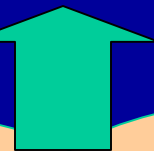


TRPA Governing Board

Lahontan / NDEP Boards

LTBMU Executive

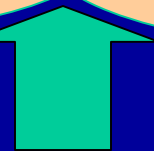
Recommendations



PATHWAY 2007 Public Forum

Agency management level staff

Recommendations



Planning Work Groups

Public Participation Council

ETCC Update Group

Advisory Planning Commission

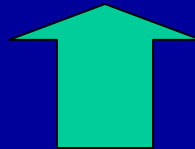
General Public

Technical Work Groups

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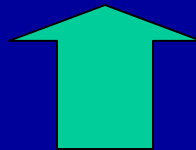
Basinwide Management System

Decisions



Recommendations

PATHWAY 2007
Public Forum



Recommendations

Planning Work
Groups

Public
Participation
Council

ETCC Update
Group

Advisory
Planning
Commission

General Public

Technical Work
Groups

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Public Participation Opportunities

**PATHWAY 2007
Forum**

Local and Regional Jurisdiction Representatives:

Dennis Cocking, South Tahoe Public Utility District

Bill Hetlund, El Dorado County

David Jinkens, City of South Lake Tahoe

John McCall, Douglas County

Adrian Freund, Washoe County

Bill Horn, Incline Village General Improvement District

Steven Rogers, North Tahoe Public Utility District

John Marin, Placer County

Glen Smith, Nevada Tahoe Conservation District

Kay Scherer, State of Nevada

Dennis Machida, State of California

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Public Participation Opportunities

PATHWAY Forum

When: Tuesday, December 14, 2004

Where: North Tahoe Conference Center

What: 40-member public advisory group

**Focus: Welcome to the PATHWAY Forum,
Overview of PATHWAY, the tasks ahead**

Lake Tahoe Basin Water Quality and the TMDL
PATHWAY 2007 Public Discussion

LTIMP TMDL Workshops

When: Monthly, beginning Spring 2005

Where: Lake Tahoe Basin venues

What: TMDL workshop topics (tbd)

Focus: Good venue for getting answers to
technical questions.

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YOUR VISION... LAKE TAHOE'S FUTURE.

PATHWAY 2007 Visioning Workshops are the perfect opportunity for you to join us as we map out the next 20 years at Lake Tahoe. Public participation is encouraged at the Visioning Workshops, which are being held on the following dates in various locations:

Saturday, January 8, 2005
The Chateau, Incline Village
9:30am – 12:30pm
955 Fairway Blvd, Incline Village, NV

Wednesday, January 12, 2005
Embassy Suites, South Lake Tahoe
6:30pm – 9:30pm
4130 Lake Tahoe Blvd, South Lake Tahoe, CA

Saturday, January 15, 2005
Olympic Collection, Los Angeles
10:00am – 1:00pm
11301 Olympic Boulevard, West Los Angeles, CA

Monday, January 24, 2005
University of Nevada, Las Vegas
6:30pm – 9:30pm
4505 Maryland Parkway, Las Vegas, NV

Saturday, January 29, 2005
Common Wealth Club, San Francisco
10:00am – 1:00pm
595 Market St., 2nd flr, San Francisco, CA

For more information on a PATHWAY 2007 Visioning Workshop in your area and to RSVP, please call 775-588-4547, x235. Visit us at www.pathway2007.org, or email the PATHWAY project at amoniot@trpa.org.

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Public Participation Opportunities

Opportunity for Input

**Please inform design of our
future activities**

