

Alluvial Fan Task Force

DRAFT Public Outreach Program

Plenary Meeting 8



Phase One

Timing: November, 2008-January, 2009

Activities: Briefings, Presentations and Publications

- Individual County Supervisors on AFTF and their staffs
- Board of Supervisors
- Elected members and staffs of local governments
- Flood Management Agencies
- Property owners
- Building Industry Association in So. Cal. 10 County Study Area
- Land Use Advocates
- Environmental Organizations
- Interested Professional Organizations and Societies
- Editorial Boards
- State Legislators
- Press Releases (Local newspapers, trade newsletters
• in the So. Cal 10 County Study Area)
- Computer-based information providers (list-serves, blogs, websites)

Materials:

- Alluvial Fan Task Force Executive Summary: Development on Alluvial Fans
- DRAFT Model Ordinance, Local Planning Tool Kit and Implementation Manual
- (posted to updated user-friendly website for review and comment)
- PowerPoint Presentation with speaking points

Five Minutes to fill out Public Outreach Questionnaire

- 1. Name:**
- 2. Affiliation:**
- 3. I can be contacted by: (Please star preferred way/s)
E-mail, cell phone, office phone, other:**
- 3. Briefings: What organization or agencies would you like to see briefed on the Model Ordinance and companion Planning Tools? Please be specific.
Which of these organizations would you be willing to brief, with AFTF help?**
- 4. Presentations: Please list organizations and agencies that would be interested in a presentation about the Model Ordinance and companion Planning Tools? These can be government agencies, advocacy groups, or professional associations. Please be specific.
For which of these organizations would you be willing to make or assist with a presentation?**
- 5. Newspapers: Please tell us the newspapers in your community and beyond that you would like to see receive information about the Model Ordinance and Local Planning Tools. Do you have a media list you would be willing let us use?**
- 6. Newsletter and Journals: Please list professional newsletters and journals that you think would be interested in the Model Ordinance and Tool Kit?**
- 7. Computer-based Information Sources: Please list list-serves, blogs, websites, or other computer-based information providers that would be appropriate to send information about the AFTF Model Ordinance and companion Planning Tools.**
- 8. Any other suggestions for public outreach activities or contacts?**



Alluvial Fan Task Force

DRAFT

Public Outreach Presentation

Seeking Public Comment

November-December, 2009

California Department of Water Resources Program

Ricardo Pineda, DWR Floodplain Management Branch, Project Manager

Maria Lorenzo-Lee, DWR Floodplain Management Branch, Task Order Manager

Mark Stuart, DWR Southern District Chief, Chair, Alluvial Fan Task Force

Susan Lien Longville, CSUSB Water Resources Institute, Project Coordinator

For additional information: <http://wri.csusb.edu/aftf/aftfweb.htm>

Thank you for the opportunity to speak with you today

Why am I here?

Governor Schwarzenegger signed **AB 2141** in 2004, directing DWR to establish an **Alluvial Fan Task Force**

We are a **diverse group of stakeholders from Southern California** appointed by DWR To focus on future development on alluvial fans

- ***County Supervisors**
- ***Local Flood Managers**
- ***Developers**
- ***Environmental & Sustainable Land Use Advocates**
- ***Federal/State Agency**
- ***Expert Technical Team**

We've developed **Local Planning Tools and a Model Ordinance** (for local adoption) to address future development on alluvial fans

What are alluvial fans?

Gently sloping fan-shaped landforms created over long periods of time by eroded sediment at higher elevation



Flooding on alluvial fans is different from flooding of rivers & coasts

Paths of flooding and debris flows on alluvial fans may be uncertain making development challenging

Alluvial fans provide beneficial values to floodplains and watersheds

Why is California taking action now?

Significant development projected on Southern California's alluvial fans in the 21st century

Damage to structures and loss of life historically well documented

Ten Southern California counties with development on alluvial fans declared flood disaster areas at least three times since 1950

Multiple hazards on alluvial fans need to be properly recognized and addressed in future development

Every alluvial fan poses different potential risks to be minimized

Beneficial floodplain and watershed values provided by alluvial fans need to be retained whether or not development occurs

To replenish local groundwater basins

To transport sediment providing habitat for endangered species

To buffer potentially hazardous areas from inhabited urban areas

Alluvial Fan Task Force Members Are Seeking Public Comments on DRAFT products

Members, DWR and Technical Team are briefing interested and affected groups, organizations and local stakeholders about

- Conclusions regarding future development on alluvial fan from current state of knowledge
- DRAFT Local Planning Tool Kit/Implementation Manual
- DRAFT MODEL ORDINANCE

Members wish to consider possible amendments before submitting final products to Director of the Department of Water Resource for next steps

Alluvial Fan Task Force Conclusions

Regarding Future Development on Alluvial Fans

Reducing the risk of loss of life and property in future development needs to go hand-&-hand with the sustainability of alluvial fan benefits

Real cost of development on alluvial fans are greater than flood management measures required for risk reduction

- Include operation and maintenance of infrastructure
- Include responding to disaster events
- Include local clean-up after a disaster
- Include long-term loss of ecologic function

Sustainable development on alluvial fans occurs when it is possible to incorporate multiple objectives into project design that reduce the risk to life and property from multiple hazards and protect the benefits provided by alluvial fans

DRAFT Local Planning Tools

DRAFT Implementation Manual

Tools incorporate the current state of knowledge about evaluating the safety and sustainability of development proposed on alluvial fans

Alluvial Fan (AF)

Flood Hazard (FH)

Economic (Eco)

Multiple-Hazard (MH)

Multiple Objective Analysis (MA)

Multiple Benefit (MB)

Design and Construction (DC)

Tools are packaged in a step-by-step process building on the information gleaned in the previous step-- contained in a Web-based Tool Kit

Each step builds on the information gleaned in the previous step (a repeatable process usable on any alluvial fan)

Detailed protocol for each Local Planning Tools is contained in the AFTF Implementation Manual

DRAFT Sustainable Development Tool

Web-based Application

Using site-specific information gathered in the step-by-step process, the Sustainable Development Tool identifies a consistent and repeatable ***Land Class Unit***

Created by geospatially mapping the hazards and beneficial values on the alluvial fan

Depending on the Land Class Unit, the Sustainable Development Tool will identify the methods that be effective in meeting multiple objectives in development on this alluvial fan

Sustainable Development Tool is designed to grow and incorporate new technologies and methods as they are developed, allowing decision makers to carry forward existing knowledge.

Intent of DRAFT MODEL ORDINANCE

Reduce the hazards and the loss of beneficial floodplain and other values that may result when development occurs on alluvial fans

Not intended to create a new set of land-use requirements for a local jurisdiction, and it does not

Allows a local jurisdiction to incorporate local values into the decision-making process

Customized approach toward more sustainable development on alluvial fans that retains local control

Model Ordinance should not be construed to represent all the ways that the Local Planning Tools could be used in a local jurisdiction

To demonstrate how the Alluvial Fan Task Force DRAFT Local Planning Tool Kit/Implementation Manual and MODEL ORDINANCE is applied in an alluvial fan area

1. The AFTF Technical Team will examine Travertine Point, a 4,918-acre alluvial fan site on the northwestern shore of the Salton Sea (primarily Riverside County, remainder in Imperial County) that local stakeholders are proposing for development in the future
2. Team will apply the Local Planning Tools using the detailed protocol for each tool in the Implementation Manual following the step-by-step process
3. Using site-specific information gathered in the process, the Sustainable Development Tool will identify the ***Land Class Unit (s)*** that apply to the site
4. Sustainable Development Tool will identify the particular methods that would be effective in meeting multiple objectives if development is proposed at the Travertine Point site

Review the DRAFT Alluvial Fan Task Force Products at
<http://wri.csusb.edu/AFTF/AFTFweb.htm>

Examine the conclusions regarding future development on alluvial fans from current state of knowledge

Examine the DRAFT Local Planning Tool Kit and Implementation Manual

Examine the DRAFT MODEL ORDINANCE

Submit your comments as directed

Better yet, share them now.....

And thank you for your time. Questions?

Timing: One year program following the Alluvial Fan Task Force submitting the final products to the Director of the Department of Water Resources
Department of Water Resources Implementation program

Purpose: Educate and train stakeholders, potential adopters and users about the

benefits of the AFTF Model Ordinance, Local Planning Tool
Kit/Implementation

Manual in those areas where new development on alluvial fans is projected.

Activities:

- Assemble an Implementation Team from the AFTF Management Team to coordinate the preparation of outreach, curriculum and educational materials for the targeted audiences of elected members and staff from affected local governments, flood management agencies, property owners, land use advocates and the local development and environmental organizations.
- Implementation Team schedules “train the trainer” sessions on the use of outreach, curriculum and educational materials for the targeted audiences
- Trainers schedule meetings and training sessions for two alluvial fan areas per **month for nine months.**

Materials:

Public information brochures

Reference materials: Desktop and Web-based

Training materials