Purpose of this Meeting:

- To solicit your comments in identifying the range of alternatives, mitigation measures, and significant effects that are important to address in the Lewiston-Dark Gulch Rehabilitation Project EA/EIR.

We’ll Discuss…

- Background and Role of the TRRP
- Purpose and Need of Project
- Environmental Compliance
- Project Description
- Public Comments
Trinity River near Lewiston (RM 112.0) circa 1960, prior to the construction of Trinity and Lewiston Dams. Note alternate bar sequences and extensive floodplain.
“The Problem”
Limited Salmon Rearing Habitat

Confined channel near Douglas City
Effects of Trinity and Lewiston Dams on channel morphology and fish habitat

At low flows: Salmonid fry require clean exposed cobble gravel channel margins with low water velocity.

At high flows: Sand deposits along channel margins. Fry rearing habitat provided only during low flow periods.
Trinity River Record of Decision (ROD)

Selected the Preferred Alternative of the Trinity River EIS/EIR as the recommended action to restore the Trinity River

- Increased In-stream Flows
- Physical Channel Rehabilitation
- Sediment Management
- Watershed Restoration
- Flood Plain Modifications
- Adaptive Management
Variable Flow Schedule

Water Year Type

- **Extremely Wet**
- **Wet**
- **Normal**
- **Dry**
- **Critically Dry**

<table>
<thead>
<tr>
<th>Discharge (Q, cfs)</th>
<th>Water Year Type</th>
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</thead>
<tbody>
<tr>
<td>11,000 cfs</td>
<td>Extremely Wet</td>
</tr>
<tr>
<td>(815,200 af)</td>
<td></td>
</tr>
<tr>
<td>8,500 cfs</td>
<td>Wet</td>
</tr>
<tr>
<td>(701,000 af)</td>
<td></td>
</tr>
<tr>
<td>6,000 cfs</td>
<td>Normal</td>
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<tr>
<td>(646,500 af)</td>
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<tr>
<td>4,500 cfs</td>
<td>Dry</td>
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<tr>
<td>(452,600)</td>
<td></td>
</tr>
<tr>
<td>1,500 cfs</td>
<td>Critically Dry</td>
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<tr>
<td>(368,600)</td>
<td></td>
</tr>
<tr>
<td>300 cfs</td>
<td></td>
</tr>
<tr>
<td>2,000 cfs Bench</td>
<td></td>
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<tr>
<td>450 cfs</td>
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Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct |
Key Concepts of the Flow Study and ROD

Managed high-flow releases (up to 11,000 cfs)
  + Removal of berms & vegetation (47 sites)
  + Gravel introductions (up to 60,000 yd$^3$)
  + Fine sediment control (tributaries)

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- Restored fluvial processes (rescale)
- New channel form (40 river miles)
- More rearing habitat (3-4x)

= Increased salmonid production (2x)
Bank Rehabilitation Sites: Overview
Lewiston-Dark Gulch Channel Rehabilitation Project

Purpose and Need:

“To increase juvenile salmonid rearing habitat on the mainstem Trinity River”
Environmental Compliance

- National Environmental Policy Act (NEPA)
  - Requires analysis and disclosure of environmental effects
- California Environmental Quality Act (CEQA)
  - State equivalent to NEPA
  - Requires reducing environmental effects

**Both minimize environmental effects via public participation and documentation**
**NEPA:** Federal
- Lead = Federal Agency with primary responsibility for preparing an Environmental Document
  - U.S. Bureau of Reclamation
    (Trinity River Restoration Program)
- Cooperating Agency = jurisdiction by law or special expertise
  - U.S. Bureau of Land Management
  - U.S. Forest Service

**CEQA:** State
- Lead = State Agency with primary project responsibility
  - Trinity County Resource Conservation District
- Responsible Agencies
- Trustee Agencies
Environmental Assessment/Environmental Impact Report

- Purpose and Need
- Description of Alternatives
- Environmental Impact Analysis
Environmental Documents

SCHEDULE:

1) Notice of Preparation for 30 days - Scoping
   May 1 through May 31, 2007

2) Public Draft EA/EIR  45 day review period
   September 14, 2007

3) Final EA/EIR – with responses to comments
   December 2007

4) Certify EIR & Finding of No Significant Impact –
   December 2007

5) Notice of Determination & Decision Record
RCD Involvement:

RCD involvement (CEQA Lead):

- Will acquire state “only” permit -
  - Department of Fish & Game (DFG) 1602 Streambed Alteration Agreement – Only private and State entities hold this permit. Federal agents are exempt; and

- Recipient of Project Grant Funding
  - The DFG’s Fisheries Restoration Grant Program awarded the RCD $575,000 to assist in Environmental Compliance and implementation of this Project.
Area Ownership

Legend
- Environmental Study Limits
- Non-Private Ownership
- Private
- Bureau of Land Mng.
- Bureau of Reclamation
- State of California
- Ca. Dept. of Fish & Game
- Ca. Dept. of Water Resources
- Sierra Pacific Ind.
- U.S. Forest Service

Dark Gulch Site
Dark Gulch Site

Concepts

Floodplain Restoration, Sidechannel Construction, and Gravel Extraction (Future Project Phase)
Example Project

Valdor Gulch Project – Before Restoration

Valdor Gulch Project – After Restoration
Realty Actions

- Prior to Construction Contract Award
- Realty Agreements:
  - Between Bureau of Reclamation and individual landowners
  - Specifies exactly what the proposed work entails, and project timeline
  - Payment for temporary use of land – No changes to property deed
  - Hold Harmless clause
Public Meeting
Final EA/EIR
Complete Landowner Realty Agreements
Award Construction Contract
Begin Construction
Complete Construction & Revegetation

May 15, 2007
December 2007
December 2007
February 2008
March 2008
December 2008
Questions or Comments?

- For More Info...
  - Contact us!
    - Mark Dowdle & Alex Cousins (TCRCD)
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    - Brandt Gutermuth, Environmental Specialist (TRRP)
      - Phone: 530-623-1806
      - E-Mail: bgutermuth@mp.usbr.gov
    - Joe Riess, Project Manager (TRRP)
      - Phone: 530-623-1811
      - E-Mail: jriess@mp.usbr.gov
  - Visit our webpage at www.trrp.net
  - Drop in to the TRRP office, next to Tops in Weaverville